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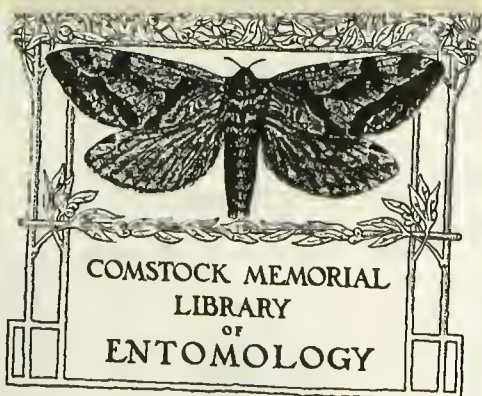
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THE
Entomologists' Directory

CONTAINING THE
NAMES, ADDRESSES, SPECIAL DEPARTMENTS OF
STUDY, ETC., OF THOSE INTERESTED IN
THE STUDY OF INSECT LIFE

IN THE
UNITED STATES AND CANADA.

COMPILED BY
HENRY SKINNER, M. D.
SECRETARY OF THE AMERICAN ENTOMOLOGICAL SOCIETY.



PHILADELPHIA, PA.:
(ISSUED MARCH, 1)
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COMPILED BY 186-1920

HENRY SKINNER, M. D.

SECRETARY OF THE AMERICAN ENTOMOLOGICAL SOCIETY.



PHILADELPHIA, PA.:
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To Our Patrons.

If sufficient support is given to this edition of the "Directory," it is our purpose to issue an annual supplement giving additional names, corrections, etc., and when the present edition is exhausted, a new and more complete one will be published. To assist in this, kindly advise us of any errors that may be noticed, and also the names and addresses of persons interested in Entomology not already given herein, together with any suggestions in the way of improvement.

HENRY SKINNER, M.D.,

Secretary Amer. Ent. Society,

P. O. Box 248, Philadelphia, Pa.

PREFACE.

For some time past the need of a Directory of persons interested in the study of Entomology has been keenly felt, and several years ago its preparation was begun; but for various reasons was temporarily abandoned. The present volume represents an immense amount of work and considerable expense, as every effort has been made to communicate with entomologists and students in this country and Canada to secure absolutely correct data. Many of our circulars have received no attention, but as the majority of these thus treated represent people who take little, if any, interest in the subject, the omission of their names cannot be greatly regretted.

As inquiries are constantly made for publications on entomological subjects, a list of such papers as can be supplied by the Society—only, of course, so long as copies are in stock—is given on page 68, together with the prices.

It is hoped that this volume will stimulate a renewed interest in Entomology, and create a more fraternal feeling among those engaged in the study. It should prove of great value to those wishing to exchange specimens, and those desirous of obtaining information from the various parts of the country. It is to be hoped that entomologists and others interested will recognize its value, and if the proper support is given, a supplement containing changes of address, new names, etc., and any other information of value, will be published at least annually, and for this purpose we will thank our readers for any additional data they can supply towards a more complete edition.

CONTENTS.

	PAGE
Entomologists' Directory	I
Geographical Arrangement	40
Societies, Agricultural Colleges and Experiment Stations	61
The American Entomological Society, and Entomological Section of Academy of Natural Sciences	65
Entomological News	67
Entomological Publications	68
Coleoptera	index 68, list 73
Hymenoptera	" 71, " 77
Lepidoptera	" 72, " 80
Diptera	82
Neuroptera	83
Homoptera	83
Aptera	83
Orthoptera	84
Miscellaneous	84

CORRECTIONS.

Page 2. Barker, Michael, for hicago *read* Chicago.

" 2. Barnes, P. T., change address to Missouri Botanical Garden, St. Louis, Mo.

" 6. Burgess, Albert F., change address to Univ. of Illinois, Urbana, Ill.

" 23. McCartney, Eugene, for *Colcoptera* read *Lepidoptera*.

" 24. Moore, Richard, for W. *read* M.

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" 33. St. John, Edw. P., for Plattsburgh, read *Prattsburgh*.

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" 38. Williams, Thos. A., for Takomo *read* Takoma.

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- Clarke, Ross, Maywood, Ill. *Lepidoptera*. Collection. Exchange.
- Clarkson, Miss Annie, "Holcroft," Potsdam, N. Y. *Lepid.* Coll. Exch.
- Clarkson, Frederick 45 William St., New York, N. Y. *Gen. Ent.* Coll.
- Claypole, E. W., Pasadena, Calif. *Economic Entomology*. Collection.
- Clayton, John, Lincoln, Me. *Lepidoptera*. Collection. Exchange.
- Cleveland, Geo. F., 7 Walnut St., Oneonta, N. Y. *Lepid.* Coll. Exch.
- Clickener, Charles, Tangier, Ind. *Economic Entomology*.
- Clute, Willard N., N. Y. Botanical Garden, New York, N. Y. *Lepid.*
- Cockburn, Bessie, Bracebridge, Ont., Canada. *General Entomology*. Collects *Coleoptera, Lepidoptera, Neuroptera*.
- Cockerell, Theo. D. A., Mesilla Park, N. Mex. *Coccidæ, Hymen.* Coll.
- Cody, W. S., Windsor, Ont., Canada. *Lepidoptera*. Coll. Exch.
- Collingwood, Robert, Beulah, Man., Canada. *Lepidoptera* Collection.
- Collins, Lewis, 222 Macon St., Brooklyn, N. Y. *Economic Entomology*. (All insects injurious to shade trees, shrubs, etc., used for civic embellishment).
- Compere, George, Los Angeles, Calif. *Economic Entomology*.

- ✓ Comstock, John H., Professor Cornell University, Ithaca, N. Y. *Macro-Lepidoptera, Coccidæ*. Collection.
- Comstock, William P., 460 W. 150th St., New York, N. Y. *Coleoptera, Lepidoptera, Odonata*. Collection. Exchange and sell.
- Conard, Henry S., A.M., Lansdowne, Del. Co., Pa. *Orthoptera*.
- Conrad, A. H., West Superior, Wis. *Coleoptera*. Collection.
- Conradi, Adolph, Bethlehem, Pa. *Lepidoptera*. Collection. Exchange.
- Conway, Ernest F., North Syracuse, N. Y. *Lepid.* Coll. Exch.
- Cook, A. J., Claremont, Calif. *Economic Entomology*. Coll. Exch.
- Cook, Mel T., Greencastle, Ind. *Arachnidæ*. Collection.
- Cook, O. F., Department of Agriculture, Washington, D. C. *Myriapoda*. Collection. Exchange.
- ✓ Cooley, R. A., Bozeman, Montana. *Hemip. (Diaspinæ)*. Coll. Exch.
- Coonradt, Jacob H. 553 N. Monroe St., Decatur, Ill. *Lepidoptera*. Coll.
- Cooper, Ellwood, Santa Barbara, Calif. *Parasitic and Predacious Insects*. Living specimens are distributed when applied for.
- Cooper, Miss M. F., 344 W. Orange St., Lancaster, Pa. *Gen. Ent.* Coll.
- Coquillett, D. W., Dept. of Agric., Washington, D. C. *Diptera*. Coll.
- ✓ Cordley, Arthur Burton, Entomologist Oregon Exper. Station, Corvallis, Oregon. *Economic Entomology, Aphididæ*. Collection. Will exchange Oregon insects in any order and some Arizona specimens for Aphids.
- Cornell, Edwin, Parish, N. Y. *General Entomology*. Coll. Exch.
- Cory, Mrs. Chas. B., Great Island, Hyannis, Mass. *Lepidoptera*. Collection of So. Florida insects.
- Cottle, James Edward, 1537 Jackson St., San Francisco, Calif. *Lepidoptera*. Collection. Exchange California specimens only.
- Couch, Edward J., Ridgefield, Conn. *Lepidoptera*. Collection.
- Cowan, Frank, Greensburg, Pa. Author of "Curious Facts in the History of Insects," published in 1865. *Habits of Insects*.
- Cox, Daniel G., 81 Heward Ave., Toronto, Can. *Coleoptera, Lepidoptera*. Large collection. Exchange.
- Cramer, Norman L., 59½ Broad St., Oneida, N. Y. *Hymen.* Coll.
- Crane, M. S., Caldwell, N. J. *General Entomology*. Collection.
- Craw, Alexander, State Board of Horticulture, Clay St. Dock, San Francisco, Calif. *Coccidæ*. Collection. Exchange.
- ✓ Cresson, Ezra T., P. O. Box 248, Philadelphia, Pa. *Hymenoptera*.
- Cresson, George B., Box 248, Philadelphia, Pa. *Aculeate Hymen.* Coll.
- Crevecoeur, F. F., Onaga, Kansas. *General Entomology*. Coll. Exch.
- Crew, R. J., 225 Wilton Ave., Toronto, Canada. *Coleop.* Coll. Exch.
- Criddle, Norman, St. Albans, Aweme P. O., Man., Canada. *Coleop., Lepid.* Coll. Exchange only those caught in Manitoba.
- Crocker, Harry C., 53 Irving St., Everett, Mass. *Lepid.* Coll. Exch.
- Crozet, Rev. C., LaSalette College, New Park Ave., Hartford, Conn. *Coleoptera*. Collection. Exchange.
- Crumb, Ebb, Galena, Kansas. *General Entomology*. Coll. Exch.

- Cunningham, Burton L., Fort Klamath, Oregon. *Lepid.* (*Rhopatocera*).
 Currie, Rolla P., Div. Ent., U. S. National Museum, Washington, D. C.
Neuroptera (sens. lat.).
- Cushman, J. A., Bridgewater, Mass. *Coleoptera, Lepidoptera, Trichoptera*. Collection. Exchange.
- Cutler, E. A., Albany, N. Y. *Lepidoptera*. Collection. Exchange.
- Daecke, Erich, 1709 Chestnut St., Philadelphia, Pa. *Lepidoptera, Hymenoptera*. Collection. Exchange.
- Daggett, Frank S., 255 Ramona St., Pasadena, Calif. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Daggette, Clair, 400 Craig St., Pittsburgh, Pa. *Coleop.* Coll. Exch.
- Dakin, J. A., Dakin's Bus. College, Syracuse, N. Y. *Lepid.* Coll. Exch.
- Danby, William H., Rossland, B. C., Canada. *Lepidoptera*. Collection. Exchange only with private collectors.
- Danglade, E. M., Vevay, Ind. *Coleoptera*. Collection.
- Daniels, H. P., 73 E. 127th St., New York, N. Y. *Coleop.* Coll. Exch.
- Davidson, A., M. D., Clifton, Arizona. *Aculeate Hymen.* Coll. Exch.
- Davis, C. A., 1131 Elmwood Ave., Providence, R. I. *Coleop.* Coll. Exch.
- Davis, Harvey N., 159 Brown St., Providence, R. I. *Coleoptera* Collection. Exchange.
- Davis, H. S., Torrington, Conn. *General Entomology*. Coll. Exch.
- Davis, John June, Centralia, Ill. *General Entomology*. Collection.
- Davis, Mark, 87 Shuler St., Montreal, Canada. *Lepid.* Coll. Exch.
- Davis, May W., 186 Lowell St., Manchester, N. H. *Odonata*. Coll.
- Davis, William T., 46 Stuyvesant Place, New Brighton, S. I., N. Y. *Orthoptera*. Collection. Exchange.
- Day, Theodore, Dyberry, Wayne Co., Pa. *Economic Entomology*.
- Deam, Charles C., Bluffton, Ind. *Coleoptera, Lepidoptera, Orthoptera* (*Acrididae*). Local collection.
- Dean, John, 160 Seventh Ave., Brooklyn, N. Y. *Gen. Ent.* Coll.
- Dearden, Wm., Box 276, Lonsdale, R. I. *Lepidoptera*. Coll. Exch.
- Dearing, Rev. W. S., Orange, Calif. *Coleoptera*.
- De Haven, Sarah Cole, Westtown, Pa. *Lepidoptera*. Collection.
- Dennis, A. J., Beulah, Man., Canada. *Coleop., Lepid.* Coll. Exch.
- Denny, Edward, 1191 City Hall Ave., Montreal, Canada. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Denslow, H. C., Field Columbian Museum, Chicago, Ill. *Lepidoptera*. Collection. Exchange.
- Denton, R. Winsford, Wellesley, Mass. *Lepidoptera*. Collection. Native and foreign for exchange.
- Denton, Shelley W., Wellesley, Mass. *Lepidoptera*. Collection. Exchange and purchase.
- Denton, William D., Wellesley, Mass. *Lepidoptera*. Coll. Exch.
- Dernehl, P. H., 942 Second St., Milwaukee, Wis. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Derr, H. B., 6561 Michigan Ave., Chicago, Ill. *Gen. Ent.* Coll. Exch.

- Desrochers, J. E., Collège Bourget, Rigaud, P. Q., Canada. *Coleoptera*. Collection. Exchange.
- Devereaux, Willard L., Clyde, N. Y. *Economic Entomology, Coleoptera, Lepidoptera*. Collection. Exchange.
- Dickens, Bertha Kimball, Manhattan, Kansas. *Homoptera (Jassidæ)*. Collection. Exchange.
- Dickerson, Edgar L., 208 Summer Ave., Newark, N. J. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Dickson, D. M., P. O. Box 467, Woodstock, Ont., Canada. *General Entomology*. Collection. Exchange.
- Dickson, Robert, Berthouet St., Pittsburgh, Pa. *Lepidoptera*. Coll.
- Dietz, Henry, 371 Main St., Torrington, Conn. *Lepid.* Coll. Exch.
- Dietz, Ottomar J. L., 140 Nassau St., New York, N. Y. *Coleoptera*. Collection. Exchange.
- Dietz, William G., M.D., 21 North Vine St., Hazleton, Pa. *Coleoptera (Rhynchophora)*. Collection. Exchange.
- ✓ Dimmock, George, Springfield, Mass. *Anatomy and Biology of Insects*. Collection.
- Ditmars, R. L., 1666 Bathgate Ave., New York, N. Y. *Econ. Ent.*
- Doane, R. W., Washington Agric. College, Pullman, Wash. *Diptera*. Collection. Exchange.
- Dodge, E. A., Louisiana, Mo. *Lepidoptera*. Collection. Exchange.
- Dodge, G. M., Louisiana, Mo. U. S. Diurnal *Lepidoptera* and *Calocalæ*. Collection. Exchange.
- Doll, Jacob, Curator Ent. Div. Brooklyn Museum Arts and Sciences, Brooklyn, N. Y. *Lepidoptera of the World*. Exchange.
- Doran, Edwin W., Ph.D., Clinton, Mo. *Economic Entomology*.
- Dorr, S. H., 945 Niagara St., Buffalo, N. Y. *Coleoptera*.
- Doten, Samuel B., Reno, Washoe Co., Nevada. *Economic Entomology*.
- Downs, S. U., Portland, Oregon. *Econ. Ent.* (Fruit Pests).
- Draper, Edwin H., 6700 Normal Ave., Chicago, Ill., and 305 Broadway, New York, N. Y. *Coleoptera*. Collection. Exchange.
- Duckworth, A. S., Keosauqua, Iowa. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Duden, Hans, 815 N. New Jersey St., Indianapolis, Ind. *Adaptation of beetles to plants*. Collection.
- Dunbar, Robert E., Dunbar Place, Waterville, Me. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Duncan, George T., Ward's Nat. Sci. Establishment, Rochester, N. Y. *General Entomology*. Collection. Exchange.
- Dunlop, Mary Veronica, Woodstock, Ont., Canada. *General Entomology*. Collection. Exchange.
- Dunn, G. W., 34 Mead Ave., Oakland, Calif. *Coleoptera*. Collection. Exchange *Coleoptera, Lepidoptera*.
- Dunne, Harold E., "The Maples," E. Washington Lane, Germantown, Philadelphia, Pa. *Coleoptera, Lepidoptera*. Coll. Exch.

- Dunning, Stewart N., 39 Niles St., Hartford, Conn. *Bees and Wasps* (excl. *Vespidæ*, *Eumenidæ*). Collection. Exchange.
- Dunton, Margaret A., 47 Congress St., Belfast, Me. *Lepid.* Coll. Exch.
- Dupree, W. B., 151 Gates Ave., Brooklyn, N. Y. *Coleop.*, *Lepid.*
- Dury, Charles, Station I, Cincinnati, Ohio. *Gen. Ent.* Coll. Exch.
- ✓Dyar, Harrison G., Ph.D., U. S. Nat. Museum, Washington, D. C. *Lepidoptera* (esp. larvæ). Collection. Exchange.
- Eames, Edwin H., M. D., 350 State St., Bridgeport, Conn. *Gen. Ent.*
- Eaton, Alvah A., Seabrook, N. H. *Lepidoptera*. Collection.
- Eberhart, Noble M., M. D., 2943 Prairie Ave., Chicago, Ill. *Systematic and Economic Entomology*.
- Eddy, C. W., 250 W. 10th Ave., Columbus, Ohio. *Lepid.* Coll. Exch.
- Eddy, Fred. A., 242 Cedar St., Bangor, Me. *Coleoptera*. Coll. Exch.
- Edquist, J. A., St. Peter, Minn. *Lepid.*, *Hymen.* Coll. Exch.
- Edwards, Edwin H., 88½ Birch St., Cleveland, Ohio. *Gen. Ent.* Coll.
- Edwards, Wm. H., Coalburgh, W. Va. *N. Am. Lepid.* (*Rhopalocera*).
- Ehrhorn, Edw. M., Mountain View, Calif. *Coccidæ*. Coll. Exch.
- Ehrmann, Emil C., 2314 Sarah St., Pittsburgh, Pa. *Coleoptera* (esp. *Cicindellidæ*, *Cychrus*, *Carabus* and *Catosoma* of the world). Collection. Exchange or purchase desiderata.
- Ehrmann, George A., 2314 Sarah St., Pittsburgh, Pa. *Lepidoptera* (esp. *Papilionidæ* of the world). Coll. Exch. or purchase desiderata.
- Eisenhard, G. B., Culver Military Academy, Culver, Ind. *General Entomology*. Collection. Exchange.
- Eliot, Ida M., New Bedford, Mass. *Life histories*, esp. *Sphingidæ* and *Bombycidæ*. Will gladly send eggs, larvæ or pupæ to other entomologists when possible.
- Ellsworth, Addison, Lestershire, N. Y. *Lepidoptera*. Collection. Collect in all orders to exchange for *Lepidoptera*.
- Elrod, M. J., Univ. of Montana, Missoula, Mont. *Neuroptera*, *Odonata*.
- Emerton, J. H., 15 St. James Ave., Boston, Mass. *American Spiders*.
- Engel, Henry, P. O. Box 369, Pittsburgh, Pa. *Coleoptera*, *Lepidoptera*. Coll. Exchange, buy and sell native and foreign *Lepidoptera*.
- Engl, Frank X., 143 East North Ave., Chicago, Ill. *General Entomology*. Collection. Exchange.
- Erb, Herman J., 332 E. Twelfth St., New York, N. Y. *Lepid.* Coll. Exch.
- Erkens, Albert, Collegeville, Minn. *General Entomology*. Collection.
- Esbenshade, Willis C., Strasburg, Lanc. Co., Pa. *Lepid.* Coll. Exch.
- Eustis, Henry W., 1368 Spruce St., Minneapolis, Minn. *Lepid.* Coll. Exch.
- Evans, John D., Trenton, Ont., Canada. *Coleoptera*, *Lepidoptera* and *Hymenoptera*. Collection. Exchange.
- Fall, Henry C., 191 N. Raymond Ave., Pasadena, Calif. *Coleoptera*. Coll. Exch. from So. California for species not in his collection.
- Faust, Charles, Harvard, McHenry Co., Ill. *Coleoptera*, *Lepidoptera*, *Odonata*. Collection. Exchange.
- ✓Felt, E. Porter, Room 27, Capitol, Albany, N. Y. *Econ. Entomology*.

- Fényes, A., M.D., 75 Grand Ave., Pasadena, Calif. *Coleop.* Coll. Exch.
- Fernald, C. H., A.M., Ph.D., Amherst, Mass. *Micro-Lepidoptera of North America*. Collection.
- ✓Fernald, Henry T., Ph.D., Amherst, Mass. *Hemiptera, Coccidæ*. Collection. Exchange.
- Fernald, John S., Belfast, Me. *Coleoptera*. Collection. Exchange.
- Field, Douglas G., 657 Boylston St., Boston, Mass. *Lepidoptera*.
- Field, Geo. H., 429 Julian Ave., San Diego, Calif. *Coleop.* Coll. Exch.
- Field, James A., 657 Boylston St., Boston, Mass. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Field, Mrs. P. Wortman, Lock Box 2076, New York, N. Y. *Lepid.* Coll.
- Field, William L. W., Milton, Mass. *Lepidoptera, Morphology, Geographical Distribution*. Collection. Exchange.
- Fillion, Francis, 101 Greene St., New York, N. Y. *Coleop.* Coll. Exch.
- Fischer, Eugene R., 2707 Winnebago St., St. Louis, Mo. *Economic Entomology*. Collection. Exchange.
- Fischer, Philip, 514 Dodge St., Buffalo, N. Y. *Lepid.* Coll. Exch.
- Fisher, D. C., 324 Chestnut St., Sunbury, Pa. *Coleoptera*. Collection.
- Fletcher, A. G., Keeseville, N. Y. *Lepidoptera*. Collection. Exchange.
- Desires correspondence in every State.
- Fletcher, James, Dominion Entomologist, Ottawa, Ont., Canada. *Economic Entomology*. Canadian *Coleop.* and *Lepid.* Coll. Exch.
- Foerste, Aug. F., 417 Grand Ave., Dayton, Ohio. *Relation between Flowers and Insects*.
- Foerster, Robert F., 4213 Fifth Ave., Pittsburgh, Pa. *Coleop.* Coll. Exch.
- Folsom, Justus Watson, Prof. Antioch College, Yellow Springs, Ohio. *General Entomology (Collembola, Thysanura)*. Coll. Exch.
- Foote, Dr. Harry W., Agric. Exper. Station, New Haven, Conn. *Lepid.*
- ✓Forbes, S. A., Urbana, Ill. *Ecology* (relation of insects and plants). State collection in charge. Exchange.
- Forbush, Edward H., 17 Russell St., Malden, Mass. *Economic Entomology*. In charge of the work of exterminating the gypsy moth in Massachusetts.
- Forkert, C., Box 27, Ocean Springs, Miss. *Lepidoptera*. Coll. Exch.
- Foster, Ed., Box 405, New Orleans, La. *Hymen., Odonata* of La. Coll.
- Foster, Frank, H., Claremont, N. H. *Lepidoptera*. Coll. Exch.
- Foster, Richard, Weiser College, Weiser, Idaho. *Coleoptera*. Collection. Will exchange after September, 1900.
- Foulks, O. D., Stockton, Worcester Co., Md. *Lepidoptera*. Will collect on orders.
- Fowler, Carroll, Duarte, Los Angeles Co., Calif. *Hymen. (Apidae)*. Coll.
- Fowler, Hudson DeM., Collinwood, Ohio. *General Entomology*. Coll.
- Fox, William H., M.D., 1826 Jefferson Place, Washington, D. C. *Arachnidæ*. Collection for sale.
- * Fox, Wm. J., Acad. Nat. Sci., Philadelphia, Pa. *Fossorial Hymenoptera*.
- Frame, Mrs. Effie M., Topsfield, Mass. *Lepidoptera*. Coll. Exch.

- Franklin, Burnell, Pasadena, Calif. *Lepidoptera*. Collection.
- Freed, H. E., Neffsville, Pa. *General Entomology*.
- Freedley, William G., Jr., 1909 Spruce St., Philadelphia, Pa. *Lepidoptera*. Collection. Exchange.
- French, G. H., Carbondale, Ill. *Lepidoptera*. Collection. Exchange.
- French, S. H., M.D., 40 Church St., Amsterdam, N. Y. *Lepid.* Coll.
- Frensch, Ernst, Box 19, Stonington, Conn. *Lepidoptera*. Coll. Exch.
- Friday, F. W., Oak Station P. O., Pa. *Lepidoptera*. Coll. Exch.
- Frost, Ellis Mills, Winthrop St., Pittsburgh, Pa. *Coleoptera*. Collection.
- Frost, Harold L., Arlington, Mass. *Economic Entomology*. Collection.
- Fuchs, Chas., 212 Kearny St., San Francisco, Cal. *Coleop.* Coll. Exch.
- Fulda, O., Stapleton, N. Y. *Lepidoptera*. Collection. Exchange.
- Fuller, Mrs. C. E., South St., Needham, Mass. *Gen. Ent.* Coll.
- Fyles, Rev. Thos. W., 54 Wolfe St., Levis, P. Q., Canada. *Economic Entomology*. Collection. Exchange.
- Gager, Charles Stuart, N. Y. State Normal College, Albany, N. Y. *General Entomology*.
- Gaillard, B. P., Dahlonga, Georgia. *Gen. Ent.* Coll. Exch.
- Gallagher, Wm. C., Ross, Lake Co., Ind. *Lepidoptera*. Collection.
- ✓ Garman, H., Lexington, Ky. *Economic Entomology, Cave Insects, Hemiptera (Corisidæ of N. Am.)*. Collection. Exchange.
- Gastman, E. A., 464 W. North St., Decatur, Ill. *Lepidoptera, Hymenoptera*. Collection. Exchange.
- Geddes, John M., 331 High St., Williamsport, Pa. *Coleop., Lepid.* Coll.
- Geduldig, Ernest W., 45 Greene Ave., Norwich, Conn. *Gen. Ent.* Coll.
- Gehret, George, 618 Mulberry St., Reading, Pa. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Gehring, J. G., M.D., Bethel, Me. *Coleoptera*. Collection.
- George, Maurice C., Webster, N. H. *Coleoptera*. Coll. Exch.
- Gerhard, Bernhard, 621 N. Sarah St., St. Louis, Mo. *Colep., Lepid.*
- Gerhard, Wm. J., Acad. Nat. Sciences, Philadelphia, Pa. *General Entomology*. Collection. Exchange.
- Gerold, Joseph, 101 Montrose Ave., Brooklyn, N. Y. *Coleoptera*.
- Gibb, L., 148 St. James St., Montreal, Canada. *Lepidoptera*.
- Gibbon, Hugh A., Beulah, Manitoba, Canada. *Lepid.* Coll. Exch.
- Gibson, Arthur, Experimental Farm, Ottawa, Ont., Canada. *Lepidoptera, Economic Entomology*. Collection. Exchange.
- Gibson, C. S., Afton, N. Y. *General Entomology*. Coll. Exch.
- Gifford, John, D.Sc., Cornell Univ., Ithaca, N. Y. *Economic Entomology (Insects injurious to forest trees); Bee Culture*.
- Gilbert, Mrs. A., 318 W. Eighth St., Plainfield, N. J. *Lepid.* Coll. Exch.
- Gilbert, H. R., Rochester, N. Y. *Lepid.* Coll. of Monroe Co., N. Y.
- ✓ Gillette, C. P., Fort Collins, Col. *Hymenoptera (Cynipidæ)*. Collection. Exchange.
- Glaser, Louis A., Sewickley, Pa. *Lepidoptera*.
- Goddard, F. R., Decorah, Iowa. *Lepidoptera*. Collection. Exchange.

- Goding, Frederic Webster, Rutland, LaSalle Co., Illinois. *Homoptera* (*Membracidae*, *Cercopidae*). Collection. (Now U. S. Consul at Newcastle, New South Wales, Australia).
- Goff, Emmett S., Agric. Exper. Station, Madison, Wis. *Economic Entomology*. Collection. Exchange.
- Goldsmith, P. H., 2125 Ontario St., Philadelphia, Pa. *Coleop.*, *Lepid.*
- Good, Albert I., 161 E. Bowman St., Wooster, Ohio. *Lepidoptera*. Coll.
- Goodale, Alfred S., South Amherst, Mass. *Neuroptera*, *Odonata*. Collection. Exchange.
- Goodell, L. W., Pansy Park, Mass. *Lepidoptera*. Collection.
- Goodhue, Charles F., Webster, N. H. *Lepidoptera*. Coll. Exch.
- Goodrich, Charlotte, 155 Washington Ave., Albany, N. Y. *General Entomology*. Collection. Exchange.
- Gorham, Frederic P., Brown University, Providence, R. I. *Coleoptera*, *Hymenoptera*. Collection.
- Gorman, William C., 19 St. Lukes Place, Montclair, N. J. *Lepidoptera*.
- Gossard, H. A., Lake City, Florida. *General Entomology*. Coll. Exch.
- Gould, H. P., College Park, Md. *Economic Entomology*. College coll.
- Graef, Edward L., Curator of Entomology, Brooklyn Institute, 58 Court St., Brooklyn, N. Y. *Lepidoptera*.
- Graef, Joseph, E., 1420 Boston Road, New York, N. Y. *Lepidoptera*.
- Graenicher, Sigmund, M. D., 551 Seventh St., Milwaukee, Wis. *Hymenoptera*, *Diptera*. Collection.
- Graf, J. L., 2408 Webster Ave., Pittsburgh, Pa. *Lepidoptera* (*Rhopalocera*). Collection.
- Grant, Charles E., Orillia, Ont., Canada. *Coleop.*, *Lepid.* Coll. Exch.
- Graupner, Miss Amelia L., 215 Walnut St., Manchester, N. H. *Hymen*.
- Graupner, Miss Hulda C., 215 Walnut St., Manchester, N. H. *Hymen*.
- Gray, Geo. M., Woods Holl, Mass. *General Entomology*. Coll. Exch.
- Green, E. C., Urbana, Ill. *Economic Entomology*. Collection.
- Green, Frederick V., Nyack, N. Y., or 111 Chambers St., New York, N. Y. *Coleoptera*. Collection.
- Greene, Charles T., 2026 Woodstock St., Philadelphia, Pa. *Diptera*. Collection. Exchange.
- Greene, George, 2026 Woodstock St., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Gregson, Percy Barrow, Sec. N. W. Can. Ent. Soc., Waghorn, Alberta, N. W. T., Canada. *Lepidoptera*. Collection. Exchange.
- Grey, Robert M., North Easton, Mass. *Lepidoptera*. Coll. Exch.
- Griffin, D. B., Essex Junction, Vt. *Coleoptera*, *Econ. Ent.* Coll. Exch.
- Griffith, Benj. W., 1241 Cotton St., Los Angeles, Calif. *Hemiptera*, *Coccidae*. Collection. Exchange.
- Griffiths, David, Columbia Univ., New York, N. Y. *Gen. Ent.* Coll.
- Grinnell, Fordyce, Jr., 572 N. Marengo Ave., Pasadena, Calif. *Lepidoptera* (*Rhopalocera*), *Odonata*. Collection. Exchange.
- Groh, D. F., Bismarck, Lebanon Co., Pa. *Lepidoptera*. Collection.

- Groth, C. F., 141 E. 40th St., New York, N. Y. *Gen. Ent. Coll. Exch.*
- Gruber, C. L., Kutztown, Pa. *General Entomology. Coll. Exch.*
- Grundel, J. G., Alma, Santa Clara Co., Calif. *Lepid. Coll. Exch.*
- Grupe, Albert E. H., 286 Parliament St., Toronto, Canada. *Lepidoptera. Collection. Exchange.*
- Guignard, J. A., Experimental Farm, Ottawa, Ont., Canada. *Hymenoptera, Economic Entomology. Collection.*
- Guion, L. P., 111 E. 47th St., Chicago, Ill. *General Entomology.*
- Haimbach, Frank, 1309 Allegheny Ave., Philadelphia, Pa. *Lepidoptera. Collection. Exchange.*
- Hall, Alfred P., 16 Wentworth St., New Dorchester, Mass. *Lepidoptera. Collection. Exchange.*
- Hall, Frank J., M.D., 228 Olive St., Kansas City, Mo. *Lepidoptera (esp. Noctuidæ). Local collection. Exchange.*
- Halsted, J. Henry, Rye, N. Y. *Lepidoptera. Collection. Exchange.*
- Ham, Oliver H., 124 Hungerford St., Sta. A, Hartford, Conn. *Hymen.*
- Hamblin, H. H., Lock Box 69, Mohawk, N. Y. *Gen. Ent. Coll. Exch.*
- Hammatt, Mrs. Mary L., 30 Norway Park, Hyde Park, Mass. *Gen. Ent.*
- Hammel, Wm. C. A., Maryland State Normal School, Baltimore, Md. *Coleoptera.*
- Hampson, John J., 71 Cutler St., Newark, N. J. *Lepid. Coll. Exch.*
- Hancock, Dr. Joseph L., 3148 Indiana Ave., Chicago, Ill. *Orthoptera (Tettigineæ). Collection. Exchange.*
- Hanham, A. W., Bank of British N. Amer., Winnipeg, Man., Canada. *Lepidoptera. Collection. Exchange.*
- Hankins, D. S., Camp Hill, Pa. *Lepidoptera. Collection.*
- Hare, Sid. J., Supt. Forest Hill Cemetery, Kansas City, Mo. *Economic Entomology. Collection.*
- Hargitt, Charles W., Ph. D., Syracuse University, Syracuse, N. Y. *Food Habits, etc., of Insects.*
- Harkness, Miss F. Anna, 1909 Tioga St., Philadelphia, Pa. *Lepid. Coll.*
- Harney, G. W., Marysville, Calif. *Hemiptera. Collection.*
- Harrington, W. Hague, P. O. Dept., Ottawa, Ont., Canada. *Hymenoptera. Coll. Exch. esp. desire Tenthredinidæ and Uroceridæ.*
- Harris, Geo. H., 27 Pleasant St., Beverly, Mass. *Lepid. Coll. Exch.*
- Harris, Sarah E., Eldorado, Calif. *Hymenoptera (Crabronidæ), Diptera. Collection. Exchange.*
- Hart, Lawrence M., Kirksville, Mo. *Coleoptera. Collection. Exchange.*
- Hartmann, C. F., 214 West 84th St., New York, N. Y. *General Entomology. Collection. Exchange.*
- Harvey, E. K., 1806 W. 11th St., Los Angeles, Calif. *Lepidoptera (Rhopalocera). Collection. Exchange.*
- Harvey, Francis L., University of Maine, Orono, Me. *Economic Entomology, Odonata, Thysanura. Collection. Exchange.*
- Harvey, J. C., P.O. San Juan Evangelista, Estado de Vera Cruz, Isthmus of Tehuantepec, Mexico. *Lepidoptera. Collection. Exchange.*

- Harvey, N. A., 2007 Hughitt Ave., West Superior, Wis. *Diptera*. Coll.
- Harvey, Thomas W., Twin Oaks, Del. Co., Pa. *General Entomology*.
- Hathaway, Jos. H., Johns Hopkins Med. School, Grinnell, Iowa. *Lepid.*
- Havell, George H., 186 19th St., Brooklyn, N. Y. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Hawes, Alfred, Sherborn, Mass. *Gen. Ent.* Coll. (mostly African).
- Hawkins, H. B., Hagerstown, Md. *Lepidoptera*. Coll. Exch.
- Hay, Robert H., 311 T St., N. W., Washington, D. C. *Lepidoptera*. Collection. Exchange.
- Hay, W. P., Central High School, Washington, D. C. *Coleop.*, *Lepid.*
- Hayes, Seth, High St., Fremont, Ohio. *Diptera*. Collection. Exchange.
- Hayward, Roland, 40 State St., Boston, Mass. *Coleoptera*. Coll. Exch.
- Healy, John L., 4139 Bosworth Ave., Chicago, Ill. *Lepid.* Coll. Exch.
- Heath, Edwin F., The Hermitage, W. Cartwright, Man., Canada. *Lepidoptera*. Collection. Collect only Manitoba and N. W. Fauna of which named duplicates are supplied at moderate prices.
- Heidemann, Otto, Washington, D. C. *Hemiptera*. Collection. Exchange.
- Heim, C. D., 156 So. 4th St., Sunbury, Pa. *Lepidoptera*. Coll. Exch.
- Heiser, Rudolph, 900 Main St., Keokuk, Iowa. *Lepid.* Coll. Exch.
- Heiserman, John J., Lititz, Lanc. Co., Pa. *Lepidoptera*. Coll. Exch.
- Helwig, Walter L., El Modena, Orange Co., Calif. *General Entomology*.
- Henry, Taylor P., Bryn Mawr, Pa. *Lepidoptera*. Collection. Exchange.
- Hensel, Nellie E., 619 E. Orange St., Lancaster, Pa., *General Entomology*. Collection.
- Henshaw, Samuel, 8 Fayerweather St., Cambridge, Mass. *Coleoptera*.
- Herbert, W. S. B., Weare, N. H. *Coleoptera*. Collection.
- Herpers, Henry, 18 Crawford St., Newark, N. J. *Gen. Ent.* Coll.
- Herr, Clarence W., 135 Hurlbut St., Pasadena, Calif. *Lepid.* Coll. Exch.
- Herrick, J. H., 292 Main St., Hudson, Mass. *Lepidoptera*. Collection. Exchange. Desires price lists from South and West U. S.
- Herring, Mrs. Henrietta B., 1111 Park Ave., Plainfield, N. J. *Lepidoptera*. Collection. Exchange.
- Herzlich, H. L., 338 E. 74th St., New York, N. Y. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Hibbard, Herschel V., 5638 Ellis Ave., Chicago, Ill. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Hickman, J. B., Monterey, Calif. *Coleop.*, *Lepid.* Coll. Exch.
- Hildenbrandt, Martin, 489 Broadway, Buffalo, N. Y. *Lepid.* Coll. Exch.
- Hill, H. Russell, 332 Pine St., Williamsport, Pa. *Coleop.* Coll. Exch.
- Hill, Rev. W. E., Waynesburg, Ohio. *Coleop.*, *Lepid.* Coll. Exch.
- Hill, William M., East Liverpool, Ohio. *Coleoptera*. Coll. Exch.
- Hillig, Frederick J., Canisius College, Washington St., Buffalo, N. Y. *Coleoptera*. Collection. Exchange.
- Hillman, Fred. H., Reno, Nevada. *Economic Entomology*. Coll. Exch.
- Hills, Clarence T., 372 Campbell Ave., Chicago, Ill, *Micro-Lepidoptera*. Coll. of *Coleop.* and *Lepid.* Desires Micros from N. Am.

- Hinds, Warren Elmer, Amherst, Mass. *Hemiptera* (*Physopoda*). Collection. Exchange.
- ✓Hine, James S., Ohio State University, Columbus, Ohio. *Odonata*, *Diptera*. Collection. Exchange.
- Hitchings, E. F., Waterville, Me. *Coleop.*, *Lepid.* Coll. Exch.
- Hochstein, Robert, 60 Hoffman St., Torrington, Conn. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Hodgkins, H. Grant, Columbian University, Washington, D. C. *Arachnida*. Collection. Exchange.
- Hoeg, C., M. D., Decorah, Iowa. *Lepidoptera*. Collection.
- Holbrook, Burton W., Seymour, Conn. *Lepidoptera*. Coll. Exch.
- Holbrook, F. A., 41 Beverly St., Boston, Mass. *Gen. Ent.* Coll.
- Holdredge, L. I. Oneonta, N. Y. *Lepidoptera* (esp. *Sphingidae*, *Lymacodidae*, *Notodontidae* and allied groups). Collection. Exchange.
- Holland, J. L., 24 W. Princess St., York, Pa. *Coleop.* Coll. Exch.
- Holland, W. J., Ph.D., D.D., Fifth Ave., Pittsburgh, Pa. *Lepidoptera*. Coll. Exch. (See advertisement of Butterfly Book on cover.)
- Holmes, J. A., N. C. Geol. Survey, Chapel Hill, N. C. *Econ. Ent.*
- Holms, Frank W., 35 Greene Ave., Norwich, Conn. *Lepid.* Coll. Exch.
- Holt, Herbert, 233 Weetamoe St., Fall River, Mass. *Coleoptera*, *Lepidoptera*. Collection *Lepidoptera*. Exchange or purchase.
- Hood, L. E., 21 Dell St., East Somerville, Mass. *Coleop.* Coll. Exch.
- Hooker, William A., Amherst, Mass. *Diptera*. Collection. Exchange.
- Hopkins, A. D., Ph.D., Entomologist W. Va. Agric. Exper. Sta., Morgantown, W. Va. *Coleoptera* (*Scolytidae*), *Forest Insects*. Collection. Exchange for *Scolytidae* of the world.
- Hopping, Ralph, Redstone Park, Kaweah, Calif. *Coleop.* Coll. Exch.
- Hopping, Roy, 5-7 Dey St., New York, N. Y., and 77 Park Ave., Orange, N. J. *Lepidoptera*. Collection.
- Horlacher, William, Care Barteldes & Co., 1521 15th St., Denver, Col. *Lepidoptera*. Collection. Exchange.
- Hornig, Herman, 2906 Nevada St., Philadelphia, Pa. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Hough, Garry de N., M.D., New Bedford, Mass. *Diptera* (*Cycorrhapha*). Collection. Exchange.
- Houghton, Clinton O., 15 Law Ave., Potsdam, N. Y. *Coleoptera*, *Lepidoptera* (*Rhopatocera*). Collection. Exchange.
- Houser, C. W., 2813 W. Chestnut St., Louisville, Ky. *Coleoptera*.
- ✓Howard, L. O., Agric. Dept. (Curator, U. S. Nat. Mus.), Washington, D. C. *Economic Entomology*, *Parasitic Hymenoptera*.
- Howard, W. R., Belfast, Me. *Lepidoptera*. Collection. Exchange.
- Howe, W. W., Whitehall, N. Y. *Lepidoptera*. Collection. Exchange.
- Howes, Chas. L., Stamford, Conn. *Coleoptera*, *Lepidoptera*. Collection.
- Howieson, C. H., Pres't Bus. College, Chippewa Falls, Wis. *Lepidoptera*, *Odonata*. Collection. Exchange.
- Hoyer, Albert, 2121 South 7th St., Philadelphia, Pa. *Coleop.* Coll. Exch.

- Hoyer, Frank, 713 Siegel St., Philadelphia, Pa. *Coleoptera*.
- Huard, Rev. V. A., Editor "Le Naturaliste Canadien," Chicoutimi, P. Q., Canada. *General Entomology*. Collection.
- Hubbard, Lucius, South Bend, Ind. *Coleoptera*, *Lepidoptera*. Coll.
- Hudson, Geo. H., Plattsburgh, N. Y. *Lepid. (Noctuidæ)*. Coll. Exch.
- Hug, Herman, 400 Hudson St., Hoboken, N. J. *Lepidoptera*. Coll.
- Huguenin, J. C., 413 Kearny St., San Francisco, Calif. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Hulbert, E. M., New Britain, Conn. *Lepidoptera*. Collection.
- Hulst, Rev. George D., 15 Himrod St., Brooklyn, N. Y. *Lepidoptera (Geometridæ, Pyralidæ)*. Collection. Exchange for desiderata.
- Hunter, Alex. J., M.D., 70 Coolmine Road, Toronto, Canada. *Insect Parasites*. Collection. Exchange.
- ✓ Hunter, S. J., A.M., University of Kansas, Lawrence, Kan. *Homoptera, Orthoptera*. Collection. Exchange, esp. in *Coccidæ*.
- Hunter, W. D., Agric. Exper. Sta., Lincoln, Neb. *Diptera*. Coll. Exch.
- Huntington, William S., 1910 N. 21st St., Philadelphia, Pa. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Huse, Wm. H., 210 Young St., Manchester, N. H. *Gen. Ent.* Coll.
- Hutchings, Somers C., 10 Drummond St., Montreal, Canada. *Lepid.* Coll.
- Hutchinson, Charles E., 2631 Michigan Ave., Los Angeles, Calif. *Terrestrial Spiders*, esp. *Theraphosidæ*. Collection. Exchange local insects for the above.
- Hyams, Chas. W., West Raleigh, N. C. *Coleop.*, *Lepid.* Coll. Exch.
- Hyatt, Edward, Riverside, Calif. *Coleoptera, Hymenoptera (Formicidæ)*. Collection. Exchange.
- Ilg, Chas., 2625 Stanley St., Philadelphia, Pa. *Lepidoptera*. Coll. Exch.
- Ingersoll, B. E., Claflin Univ., Orangeburg, S. C. *Coleop.* Coll. Exch.
- Irish, H. C., Mo. Botanical Garden, St. Louis, Mo. *Gen. Ent.* Coll. Exch.
- Jack, John George, Jamaica Plain, Mass. *Economic Entomology*.
- Jackson, Fred. A., West Haven, Conn. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Jackson, William S., 617 Putnam Ave., Brooklyn, N. Y. *Lepid.* Coll.
- Jacobs, D. C., Mummasburg, Adams Co., Pa. *Gen. Ent.* Coll.
- Jellicorse, John, Elmwood, Smith Co., Tenn. *Lepid.* Coll. Exch.
- Jellicorse, R., Elmwood, Tenn. *Lepidoptera*. Collection. Exchange.
- Jelliffe, Smith Ely, M.D., 231 W. 71st St., New York, N. Y. *Coleoptera*. Collection. Exchange.
- Jesurun, Dr. Mortimer, P. O. Box 413, Douglas, Wyoming. *Coleoptera, Hymenoptera*. Collection. Exchange.
- Jewett, F. R., Woodstock, Vt. *General Entomology*. Coll. Exch.
- Johannsen, O. A., 82 Walton Place, Chicago, Ill. *Acatyphrate Diptera*. Collection. Exchange.
- Johnson, Charles W., Curator of Museum, Wagner Free Inst. Science, Philadelphia, Pa. *Diptera*. Collection. Exchanges solicited.
- Johnson, James S., Frankford, Philadelphia, Pa. *Lepidoptera*. Coll.

- Johnson, Lawrence C., Pachuta, Miss. *Gen. and Econ. Ent.*
- Johnson, O. B., 610 Pike St., Seattle, Wash. *Gen. Ent.* Coll. Exch.
- Johnson, W. E., A. B., Hays City, Kansas. *Coleoptera.* Coll. Exch.
- Johnson, Willis G., College Park, Md. *Econ. Ent.* Coll. Exch.
- Johnston, James, Box 769, Bartonville, near Hamilton, Ont., Canada. *Coleoptera, Lepidoptera.* Collection. Exchange.
- Jones, B. W., Spottsville, Va. *General Entomology.* Would collect for societies and individuals.
- Jones, Frank M., 802 Washington St., Wilmington, Del. *Lepidoptera.* Collection. Exchange.
- Jones, Lynds, Museum, Oberlin, Ohio. *Orthoptera (Acrididæ), Lepidoptera (Hesperidæ).* College Collection. Exchange.
- Jones, Marcus E., A. M., Salt Lake City, Utah. *Gen. Ent.* Coll. Exch.
- Joutel, Louis H., 164 E. 117 St., New York, N. Y. Entom. Drawings. *Coleoptera, Lepidoptera.* Collection. Exchange.
- Judge, Fred. G., 45 Cosgrove St., Lowell, Mass. *Coleoptera, Lepidoptera.* Collection. Exchange.
- Junghanns, Robert L., Bayamon, Porto Rico. *Hymenoptera* esp. *Apina.* Collection. Exchange.
- Kahl, Hugo, Curator Ent. Mus., State University, Lawrence, Kan. *Diptera.* Collection. Exchange.
- Kalbert, John B., 18 Newell St., Brooklyn, N. Y. *Lepid.* Coll. Exch.
- Kautz, E. E., Lititz, Lanc. Co., Pa. *Lepidoptera.* Collection. Exchange.
- Kayser, Wm., Wapakoneta, Ohio. *General Entomology.* Coll. Exch.
- Kearfott, W. D., 91 Liberty St., New York, N. Y. *Lepidoptera*, esp. life histories, blown larvæ and prepared pupæ; also *Macro-Heterocera.* Coll. Exch. Want long series of all species American *Lepid.*; will give native or exotic species or pay cash in return.
- Keck, Rev. J. M., A. M., Kingsville, Ohio. *General Entomology.*
- Keith, Edward D., 176 Princeton Ave., Providence, R. I. *Lepidoptera.* Collection. Exchange.
- ✓ Kellogg, Vernon L., Prof. Leland Stanford Jr. Univ., Palo Alto, Calif. *Orthoptera—Phryganidæ.* Collection. Exchange.
- Kelsey, Camp, 209 Dearborn Ave., Chicago, Ill. *Lepid.* Coll. Exch.
- Kelsey, Harlan P., Kawana, N. C., and 1106 Tremont Building, Boston, Mass. *Coleoptera, Lepidoptera.*
- Kemp, S. T., 637 Jefferson Ave., Elizabeth, N. J. *Lepid.* Coll. Exch.
- Kilman, Alva H., Ridgeway, Ont., Canada. *Coleop., Lepid.* Coll. Exch.
- Kincaid, Trevor, Univ. of Wash., Seattle, Wash. *Gen. Ent.* Coll. Exch.
- King, Charlotte M., Ames, Iowa. *Hemiptera.*
- King, Ernest S., San José, Calif. *General Entomology.* Collection.
- King, Geo. B., Lawrence, Mass. *Coccidæ, Formicidæ.* Coll. Exch.
- King, Wilbur L., 134 Fourth Ave., Bethlehem, Pa. *Gen. Ent.* Coll. Exch.
- Kingsbury, J. G., Indianapolis, Ind. *Economic Entomology.*
- Kircher, George, 573 Germania Ave., Jersey City, N. J. *Lepidoptera.* Collection, also of exotic Papilios. Exchange.

- Kirkham, William Barri, 92 Maple St., Springfield, Mass. *Hemiptera*.
 Kirkland, A. H., Malden, Mass. *Econ. Ent., Hemip.* Coll. Exch.
 Klages, Edw. A., Crafton P. O., Alleg. Co., Pa. *Coleop.* Coll. Exch.
 Klages, Henry G., P. O. Box 64, Jeannette, Pa. *Coleoptera (Cicindelidæ, Carabidæ, Tenebrionidæ)*. Collection. Exchange.
 Klein, Julius T., 21 Cook St., Torrington, Conn. *Coleoptera, Lepidoptera*. Collection. Exchange.
 Klinger, F. S., Ephrata, Lanc. Co., Pa. *Coleop., Hymen.* Coll. Exch.
 Knab, Frederick, Box 249, Chicopee, Mass. *Coleoptera*. Coll. Exch.
 Knapp, A. H., Canton, N. Y. *Lepidoptera*. Collection. Exchange.
 Knaus, Warren, McPherson, Kansas. *Econ. Ent., Coleop.* Coll. Exch.
 Knechtel, Frank, Jeannette, Pa. *Coleop., Lepid.* Coll. Exch.
 Knetsch, Robert, Terra Cotta, Ill. *Gen. Ent.* Coll. Exch.
 Knight, Ora W., 32 Coombs St., Bangor, Maine. *Lepidoptera and their life histories*. Coll. of inflated larvæ and mounted imagos. Exch.
 Kny-Scheerer Co., 17 Park Place, New York, N. Y. Entomological Supplies (See advertisement on cover).
 Koebele, Albert, Alameda, Calif. *Lepid. (Noctuidæ)*. Coll. Exch.
 Kopman, Henry H., Box 58, Covington, La. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
 Kopp, Wm. 700 N. California Ave., Chicago, Ill. *Lepid.* Coll. Exch.
 Kraus, Joseph H., 1446 First Ave., New York, N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
 Kraus, Richard, St. Vincent College, Beatty, P. O., Pa. *Hymenoptera*. Collection. Exchange.
 Krautwurm, Bernard, Arlington Place, Lincoln Ave., E. E., Pittsburg, Pa. *Lepidoptera*. Collection. Exch. cocoons and pupæ only.
 Krautwurm, George, Arlington Place, Lincoln Ave., E. E., Pittsburg, Pa. *Lepidoptera*. Collection. Exchange.
 Krebs, T. L., 3041 Key West St., Los Angeles, Calif. *Coleoptera, Lepidoptera*. Collection. California species for sale.
 Kremers, Rev. H. A., Wellington, B. C., Canada. *Lepidoptera*. Collection. Exchange in envelopes.
 Krieghoff, C., Box 391, Essex, Ont., Canada. *Gen. Ent.* Coll. Exch.
 Kropf, Otto, Rockville, Conn. *Lepidoptera*. Collection. Exchange.
 Kudlich, Dr. H. F., 153 W. 21st St., New York, N. Y. *Coleop.* Coll.
 Kuegemann, Edw. J., 713 Sycamore St., Cincinnati, Ohio. *Lepidoptera*. Collection. Exchange.
 Krueger, P. W., 126 Forest St., Cleveland, Ohio. *Gen. Ent.* Coll.
 Kunzé, Richard E., M. D., Phoenix, Arizona. *Macro-Lepid.* Coll. Exch.
 Kurowski, Alfred, 187 Blackhawk St., Chicago, Ill. *Gen. Ent.* Coll.
 Kwiat, Alex., 701 Larrabee St., Chicago, Ill. *Lepid.* Coll. Exch.
 Lackey, Geo. R., 1022 Main St., Grinnell, Iowa. *Gen. Ent.* Coll. Exch.
 Lagai, Dr. George, 17 Park Place, New York, N. Y., and Richmond Hill, L. I., N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
 Laing, Ernest N., Essex, Ont., Canada. *Lepidoptera*. Coll. Exch.

- Lamb, Charles W., 96 Beverly St., Boston, Mass. *Lepidoptera*. Collection mounted on Denton's (patent) Tablets.
- Lander, Benjamin, Nyack, N. Y. *General Entomology*. Collection.
- Lander, C. H., 89 Arlington St., Cleveland, Ohio. *Lepid.* Coll. Exch.
- Lane, Raphaella E., 31 Linden St., Rochester, N. Y. *Lepid.* Coll. Exch.
- Laurent, Philip, 1306 Chestnut St., Philadelphia, Pa. *Colcoptera, Lepidoptera*. Collection. Exchange.
- Lavoie, Raoul, l'Islet, Co. l'Islet, Quebec, Canada. *Gen. Ent.* Coll.
- Lawrence, Joseph Ivers, 123 West St., Worcester, Mass. *Lepid.* Coll.
- Lawton, Edward P., 3 Linden Ave., Troy, N. Y. *General Entomology*.
- Lee, Robert E., Room 1702, 150 Nassau St., New York, N. Y. *Coleoptera*. Collection. Exchange.
- Leeming, Jos. 492 Fourth St., Brooklyn, N. Y. *Colcop.* Coll. Exch.
- Leibig, J. E., Bismarck, Pa. *Lepidoptera*. Collection. Exchange.
- Leighton, Margaret W., 24 Highland Ave., Melrose Highland, Mass. *General Entomology*. Collection.
- Leng, Chas. W., 4 Fletcher St., New York, N. Y. *Colcop.* Coll. Exch.
- Leonhard, C., 410 Cross St., Harrison, N. J. *Lepidoptera*. Coll. Exch.
- Letcher, Beverly, 532 California St., San Francisco, Calif. *Lepidoptera*. Collection. Exchange.
- Lewis, E. C., Forney, Texas. *Coleoptera*. Collection. Exchange.
- Liebeck, Charles, 2336 Carpenter St., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Lipps, E. C., Warren, Ohio. *Coleoptera, Lepidoptera*. Collection.
- Lister, Alfred E., M. E., 921 Vine St., Scranton, Pa. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Lochhead, W., Prof. Ontario Agricultural College, Guelph, Ont., Canada. *Orthoptera, Coccidæ*. Collection.
- Locke, John D., P. O. Box 129, Haverhill, N. H. *Colcoptera*. Collection of *Foreign Coleoptera* and *Lepidoptera*. Exchange.
- Loeffler, Jacob, 295 Rose St., Newark, N. J. *Coleoptera*.
- Loewenstein, William, Jr., 1516 High St., Keokuk, Iowa. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Logan, Stuart, 2919 Prairie Ave., Chicago, Ill. *General Entomology*.
- Lohrmann, Richard, Herkimer, N. Y. *Colcoptera, Lepidoptera*. Coll.
- Longley, W. E., Oak Park, Ill. *Lepidoptera*. Collection. Exchange.
- Love, Rev. Archibald L., D.D., 335 Madison Ave., Albany, N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Love, E. G., 80 E. 55th St., New York, N. Y. *Gen. Ent.* Coll. Exch.
- Lovell, John H., Waldoboro, Me. *Relation of Insects to Flowers*. Collection. Exchange.
- Low, Wm. F., 31 Cranston St., Jamaica Plain, Mass. *Lepid.* Coll. Exch.
- Lowe, Orton, Greensburg, Pa. *Lepidoptera*.
- Lowe, Victor H., Geneva, N. Y. *Economic Entomology*.
- Luccareni, George A., 619 Morgan Ave., Palmyra, N. J. *Coleoptera*. Collection. Exchange.

- Lucock, Frank, 7237 Bennett St., Sta. A., Pittsburg, Pa. *General Entomology*. Collection of *Lepidoptera*. Exchange.
- Ludlow, J. H., 705 Ninth St., Elkhart, Ind. *Coleoptera*. Collection.
- Luetgens, A., P. O. Box 328, New York, N. Y. *Coleoptera* (esp. *Cicindetidae* and *Carabidae* of the world). Collection. Exchange.
- Lugger, Otto, State Entom., St. Anthony Park, Minn. *Coleop.* Coll.
- Lull, Richard S., Amherst, Mass. *Gen. Ent., Coccidae*. Coll.
- Lumsden, George R., 82 Oakridge St., Norwich, Conn. *Coleoptera* and *Parasitic Insects*. Collection. Exchange.
- ✓ Lyman, Henry H., 74 McTavish St., Montreal, Canada. *Lepidoptera*. Collection. Exchange.
- MacCartney, Benj. F., State Zoologist, Dept. of Agric., Harrisburg, Pa. *General Entomology*.
- MacGillivray, Alex. D., Cornell University, Ithaca, N. Y. *Thysanura, Tenthredina, Morphology and Development of Insects*.
- Mackenzie, G. P., 2824 E. Sixth St., Kansas City, Mo. *Coleoptera*. Collection. Exchange.
- MacLaughlin, T. J., Department Public Works, Ottawa, Ont., Canada. *Odonata*. Collection.
- Mally, C. W., Wooster, Ohio. *Hemiptera, Parasitic Hymenoptera*.
- Mally, Fred. W., M. Sc., College Station, Texas. *Hymen.* Coll. Exch.
- Manee, Abram H., Belchertown, Mass. *Coleoptera, Lepidoptera (Sphingidae)*. Collection. Exchange.
- Mann, B. Pickman, 1918 Sunderland Place, Washington, D. C. *Bibliography of Entomology*. Exchange in literature.
- Mares, Adolf, 504 W. 20th St., Chicago, Ill. *Lepidoptera*. Collection.
- ✓ Marlatt, C. L., Agric. Dept., Washington, D. C. *Tenthredinidae, Coccidae (Diaspidinae)*. National Museum Collection. Exchange.
- Marlatt, Frederick A., State Exper. Station, Manhattan, Kansas. *Economic Entomology*. Collection. Exchange.
- Marloff, Fred., Oak Station P. O., Allegheny Co., Pa. *Lepidoptera*. Collection. Buy and exchange.
- Marmont, Lindsay E., Rounthwaite, Man., Canada. *Coleoptera, Lepidoptera*. Collection.
- Marshall, Wm. S., Univ. of Wis., Madison, Wis. *Coleop.* Coll. Exch.
- Martin, James O., Box 1175, Cascadilla Place, Ithaca, N. Y. *General Entomology*. Collection. Exchange in *Coleoptera*.
- Martin, Noel B., South Orange, N. J. *Lepidoptera*. Coll. Exch.
- Mason, Albert P., 54 Brackenbury St., Malden, Mass. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Mason, Charles G., 54 Brackenbury St., Malden, Mass. *Lepidoptera of the World*. Collection. Exchange or purchase.
- Mason, Frank R., 220 W. Chelton Ave., Germantown, Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Mason, J. T., 1572 Race St., Denver, Col. *Lepidoptera*. Coll. Exch.
- Massey, W. F., P. O. Box 385, Raleigh, N. C. *Econ. Ent.* Coll.

- Masterman, Elmer E., New London, Ohio. *General Entomology*. Coll.
- Mattes, Joseph, 229 East 126th St., New York, N. Y. *Lepid.* Coll. Exch.
- Matthes, Francois E., U. S. Geolog. Survey, Washington, D. C. *Colcoptera*; also *Hybernation of Insects*. Collection.
- Mattoon, Laura I., 103 Mulberry St., Springfield, Mass. *Hemiptera*.
- Maxwell, A. W., D.D.S., Collinwood, Ohio. *Coleop.*, *Lepid.* Coll. Exch.
- Maynard, C. J., 447 Crafts St., West Newton, Mass. *Lepidoptera*. Collection (West Indian).
- McArdle, R. H., Homer, Mich. *General Entomology*. Collection.
- McCarthy, Gerald, M. Sc., Raleigh, N. C. *Economic Entomology*; *Anatomy and Embryology of Insects*. Collection. Exchange.
- McCartney, Eugene, Boothwyn, Del. Co., Pa. *Colcoptera*. Coll. Exch.
- McCook, Henry C., D. D., Sc. D., The Manse, 3700 Chestnut St., Philadelphia, Pa. *Ants and Spiders*.
- McDade, James E., 2536 Kensington Ave., Chicago, Ill. *Colcoptera*, *Odonata*. Collection. Exchange.
- McDonald, Rev. Dr., D.Sc., Grafton, North Dakota. *Colcoptera*, *Lepidoptera*. Collection. Exchange.
- McElfresh, Fred. M., Asst. Ent., Oregon Agric. College, Corvallis, Oregon. *Hemiptera (Tingitidæ)*; *Economic Entomology*. Coll. Exch.
- McKay, Joseph, 259 Eighth St., Troy, N. Y. *Diptera*. Collection.
- McLouth, C. D., 230 Sanford St., Muskegon, Mich. *General Entomology*. Collection. Exchange.
- McNiel, Jerome, Fayetteville, Ark. *Orthop.*, *Myriapoda*. Coll. Exch.
- Mechlin, Oscar A., 3020 Cambridge Place, Washington, D. C. *Lepidoptera*. Collection. Exchange.
- Medsker, G. E., Leetonia, Ohio. *General Entomology*.
- Medsker, O. P., Jacobs Creek, Westmoreland Co., Pa. *Colcoptera*, *Lepidoptera*. Collection.
- Meek, Adam, Watertown, N. Y. *General Entomology*. Coll. Exch.
- Meeker, John W., M. D., 59 Butler St., Brooklyn, N. Y. *Coleoptera*, *Lepidoptera*. Collection.
- Meitzen, Julius, 525 Linwood St., Brooklyn, N. Y. *Coleop.* Coll. Exch.
- Melander, A. Leonard, 208 E. Ohio St., Chicago, Ill., or University of Texas, Austin, Texas. *Diptera*. Collection. Exchange.
- Melzer, James P., Milford, N. H. *Lepidoptera*. Collection. Exchange.
- Mengel, Levi W., 737 Penn St., Reading, Pa. *Lepidoptera (Rhopalocera)*, Can offer fine Indian and Central Amer. for Western and Northwestern species. Collection. Exchange.
- Mercer, W. F., 125 E. State St., Ithaca, N. Y. *Lepidoptera* (development of wings). Collection. Exchange.
- Mercure, J. T., C. S. V., Deaf and Dumb Inst., Ville St. Louis, Montreal, Canada. *Lepidoptera*. Collection. Exchange*.
- Merrick, Harry D., New Brighton, Pa. *Lepidoptera*. Coll. Exch.
- Mertz, Mathias, 66 Leonard St., New York, N. Y. *Lepid.* Coll. Exch.
- Metcalf, Mrs. R. H., Hinsdale, N. H. *Colcoptera*, *Lepidoptera*. Coll.

- Metcalf, Wm., P. O. Box 204, Port Hope, Ont., Canada. *Lepidoptera*. Collection. Exchange.
- Metz, Walter C., 20 N. First St., Newark, Ohio. *Lepid.* Coll. Exch.
- Miller, George, 117 So. Queen St., York, Pa. *Lepidoptera*. Coll. Exch.
- Miller, Levi J., Ephrata, Pa. *Coleoptera*, *Hemiptera*. Coll. Exch.
- Miller, Mrs. Mary Rogers, Bureau of Nature Study, College of Agriculture, Cornell University, Ithaca, N. Y. *Insects from the nature-study standpoint*. Collection. Exchange.
- Mills, Helen H., Menlo Park, San Mateo Co., Calif. *Odonata*. Coll.
- Mills, Owen W., Box 342, Millbury, Mass. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Minot, Geo. R., 188 Marlborough St., Boston, Mass. *Lepid.* Coll. Exch.
- Mintz, Fannie S., 14 Nelson Place, Newark, N. J. *Gen. Ent.* Coll.
- Mitchell, Harvey, Wellington, Mass. *Lepidoptera*. Coll. Exch.
- Mitchell, James L., 212-214 Indiana Trust Building, Indianapolis, Ind. *Lepidoptera*. Collection. Exchange.
- Moeser, Frank E., 975 Virginia St., Buffalo, N. Y. *Lepid.* Coll. Exch.
- Moeser, Wm. J., 33 Kane St., Buffalo, N. Y. *Lepidoptera*. Coll. Exch.
- Moffat, J. Alston, London, Ont., Canada. *Lepidoptera*.
- Mohns, Julius, 1617 Washington Ave., New York, N. Y. *Lepidoptera*. Collection. Exchange.
- Monell, Joseph T., 3227 Iowa Ave., St. Louis, Mo. *Homoptera* (*Aphididae*). Collection.
- Moore, Isaac Foster, Jr., 921 Hancock Ave., Bridgeport, Conn. *Diptera*.
- Moore, John, 38 Fountain St., Norwich, Conn. *Gen. Ent.* Coll.
- Moore, Richard W., 74 So. Fitzhugh St., Rochester, N. Y. *Coleoptera* (*Chrysometidae*). Collection.
- Moorhead, Robert D., Jr., 387 Bergen St., Brooklyn, N. Y. *Coleoptera*. Local collection. Exchange for species west of the Mississippi.
- Morgan, H. A., State University, Baton Rouge, La. *Aptera* (*Ixodidae*). University collection. Exchange.
- Morris, E. L., Western High School, Washington, D. C. *General Entomology*. School collection.
- Morse, Albert P., Prof. Wellesley College, Wellesley, Mass. *Orthoptera* (*Acrididae*). Collection. Exchange.
- Morton, Emily L., Newburgh, N. Y. (New Windsor Delivery). *Lepidoptera* (*Bombycidae*). Collection. Exchange native only.
- Mosher, Clarence, H., 102 Third St., Newburgh, N. Y. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Mosher, F. H., 283 Pleasant St., Malden, Mass. *Coleoptera*. Collection.
- Mueller, G. T. O., 1014 Greenwich St., San Francisco, Calif. *Lepidoptera* (*Noctuidae*). Collection. Exchange.
- Muench, L. T., 1060 Second Ave., New York, N. Y. *Coleop.* Coll. Exch.
- Mueschen, Chas., 905 North 12th St., Quincy, Ill. *Lepid.* Coll. Exch.
- Munro, W., Princ. Broadway School, Woodstock, Ont., Canada. *Coleoptera*. Collection.

- Murrill, W. A., Cornell University, Ithaca, N. Y. *Lepidoptera (Rhopalocera)*. Collection.
- Murtfeldt, Miss Mary E., Kirkwood, St. Louis, Mo. *Micro-Lepidoptera*. Collection. Exchange.
- Musselman, Thomas Edgar, 2203 Main St., Quincy, Ill. *Lepidoptera*. Collection. Exchange.
- Myers, Ralph, 300 So. College St., Akron, Ohio. *Gen. Ent. Coll. Exch.*
- Nash, H. W., P. O. Box 264, Pueblo, Col. *Lepidoptera (Rhopalocera)* of Colorado. Collection.
- Nason, William A., M.D., Algonquin, Ill. *Hymen., Diptera*. Coll.
- Nau, Balthasar, 39 Hamburg Ave., Brooklyn, N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Needham, F. M., Hinsdale, Ill. *Coleoptera*. Collection. Exchange.
- Needham, James G., Lake Forest, Ill. *Coleoptera (Lampyridæ), Odonata*. Collection. Exchange.
- Nell, Philip, 1836 N. Seventh St., Philadelphia, Pa. *Micro-Lepidoptera, Hemiptera*. Collection.
- Nelson, Wilson E., Parkers Prairie, Minn. *General Entomology*.
- Neubarth, B., 1109 Nelson St., Chicago, Ill. *Lepidoptera*. Coll. Exch.
- Newcomb, H. H., 35 Court St., Boston, Mass. *Lepidoptera (Noctuidæ)*. Collection. Exchange.
- Newcomb, Wm. W., Care of Newcomb, Endicott & Co., Detroit, Mich. *Lepidoptera*. Collection. Exchange.
- Newell, Wilmon, Iowa State College, Ames, Iowa. *Homoptera (Coccidæ, Jassidæ)*. Collection. Exchange.
- Newlon, W. Smithson, Oswego, Kansas. *General Entomology*. Coll.
- Niswander, F. J., Cheyenne, Wyoming. *Coleoptera*.
- Nock, Bertram, 70 Sackett St., Providence, R. I. *Coleoptera*. Collection. Exchange shells for *Coleoptera*. Have *Coleoptera* of U. S., S. Am., France, Algeria for sale, or exch. for African *Coleop.*
- Nolt, Ezra J., Silver Spring, Lancaster Co., Pa. *Coleoptera, Lepidoptera*. Collection. Exchange *Coleoptera*.
- Norris, Arthur Earnshaw, 2753 St. Catharine St., Montreal, Canada. *Lepidoptera*. Collection. Exchange.
- Norris, Grace M., South Columbia, Herkimer Co., N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
- North, Howard W., 621 N. Cherry St., Bluffton, Ind. *Odonata*. Collection. Exchange.
- Norton, J. B. S., St. Louis, Mo. *Relation of Insects to Flowers*.
- Nunenmacher, F. W., 516 13th St., Oakland, Calif. *Coleop.* Coll. Exch.
- Oestlund, O. W., Prof. State University, Minneapolis, Minn. *Homoptera (Aphididæ)*; *Systematic Entomology*. University collection.
- Oldham, F. M., Innisfail, Alberta, N. W. T., Canada. *Lepid.* Coll.
- Orbe, Arthur, 143 E. North Ave., Chicago, Ill. *Gen. Ent. Coll. Exch.*
- Ormonde, Frederic, 59 Eustis St., Boston, Mass. *Coleop.* Coll. Exch.
- Orne, John, Ph.D., 104 Ellery St., Cambridge, Mass. *Coleoptera*. Coll.

- Osborn, Henry L., Hamline University, St. Paul, Minn. *Biology of Insects*. Collection. Exchange.
- ✓ Osborn, Herbert, Ohio State University, Columbus, Ohio. *Hemiptera (Maltophaga)*. Collection. Exchange.
- Osborne, Alfred, North Weare, N. H. *Gen. Ent.* Coll. *Lepidoptera*.
- Osburn, Miss Lura, 2458 Union St., San Diego, Calif. *Generat Entomology*. Collection. Exchange.
- Osburn, Raymond, Fargo College, Fargo, North Dakota. *Odonata, Perlidae*. Collection. Exchange.
- Osburn, William, 107 University St., Nashville, Tenn. *Coleoptera, Lepidoptera, Diptera*. College collection. Exchange.
- Oslar, Ernest J., 1853 Marion St., Denver, Col. *Coleoptera, Lepidoptera*. Local collection.
- Oswald, W. A., Petit Brule, P. Q., Canada. *Gen. Ent.* Coll. Exch.
- Otis, Hamilton, Cazadero, Sonoma Co., Calif. *Lepid.* Coll. Exch.
- Ottolengui, Rodrigues, M. D. S., 115 Madison Ave., New York, N. Y. *Lepidoptera (Noctuidæ)*. Collection. Exchange.
- Ouellet, C. J., C.V.S., D. and D. Inst., Ville St. Louis, Montreal, Canada. *Generat Entomology*. Collection. Exchange.
- Packard, Alpheus Spring, Providence, R. I. *Lepidoptera* (esp. *Bombicine Moths*). Collection. Exchange.
- Palm, Charles, 172 E. 64th St., New York, N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Palmer, R. M., Department of Agriculture, Victoria, B. C., Canada. *Economic Entomology*. Department collection. Exchange.
- Park, Francis E., M. D., Stoneham, Mass. *Gen. Ent.* Coll. Exch.
- Parker, Fred., Amo, Ind. *Coleoptera, Lepidoptera*. Collection.
- Parkes, W. J., Care Citizen's Nat. Bank, or P. O. Box 1731, Green Bay, Wis. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Parmelee, George L., 65 Pratt St., Hartford, Conn. *Lepidoptera*.
- Parmelee, Mrs. George L., 65 Pratt St., Hartford, Conn. *Gen. Ent.*
- Parrott, Percy J., Manhattan, Ks. *Coccidæ*. Collection. Exchange.
- Partridge, Eustace J., Bridge St., Belfast, Me. *Coleop.* Coll. Exch.
- Partridge, Miss Sue M., Belfast, Me. *Lepidoptera*. Coll. Exch.
- Patch, Edith M., Box 94, Camden Place, Minn. *Lepid.* Coll. Exch.
- Patterson, Clara E., P. O. Box 43, Little Falls, N. Y. *Coleoptera*. Coll.
- Patterson, Rose W., San José, Calif. *Coccidæ*. Collection. Exchange.
- Patton, Wm. Hampton, Hartford, Conn. *Hymenoptera*. Collection.
- Paulmier, Fred'k Clark, Madison, N. J. *Morphology of Insects*. Coll.
- Paxson, Owen S., Devon, Chester Co., Pa. *Generat Entomology*.
- Pearsall, Richard F., 1332 Pacific St., Brooklyn, N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Pearson, A. W., Norwich, Conn. *Lepidoptera*.
- Pearson, Henry F., Y. M. C. A., Sacramento, Calif. *Colcop., Lepid.*
- Peck, George W., Roselle, N. J. *Lepidoptera*.
- Peck, H. C., Brighton, N. Y. *Hemiptera*. Collection. Exchange.

- Peckham, George W., Milwaukee, Wis. *Habits of Solitary Wasps, Spiders*. Collection. Exchange spiders.
- Pelton, Henry V., 31 Garfield Pl., Poughkeepsie, N. Y. *General Entomology*. Collection.
- Pennock, Aldrich J., Lansdowne, Del. Co., Pa. *Gen. Ent.* Coll.
- Pepperman, A. L., 332 Academy St., Williamsport, Pa. *Lepid.* Coll.
- Perkins, George H., Univ. of Vermont, Burlington, Vt. *Economic Entomology*. College collection.
- Perrior, A. W., 316 West Kennedy St., Syracuse, N. Y. *Lepid.* Coll.
- Perry, Elmer H., East Las Vegas, New Mexico. *General Entomology*.
- Persing, M. J., Clyde, Ohio. *General Entomology*. Collection. Exchange.
- Pettit, Rufus H., Asst. Ent., Exper. Sta., Agricultural College, Ingham Co., Mich. *Coccidæ*. Collection. Exchange.
- Phillips, Edward D., Ph.M., 2413 E. 10th St., Kansas City, Mo. *Lepidoptera (Rhopalocera)*. Collection.
- Phillips, E. E., Somerville, N. J. *Economic Entomology*.
- Phillips, J. L., Blacksburg, Va. *Coccidæ, Economic Entomology*.
- Pierce, Newton B., Pacific Coast Laboratory, Santa Ana, Calif. *Neuroptera*. Collection.
- Pilate, G. R., 663 S. Main St., Dayton, Ohio. *Lepidoptera*.
- Pilsbury, Ernest H., 12 Lefferts Place, Brooklyn, N. Y. *Coleop.* Coll.
- Piper, Charles V., Agricultural College, Pullman, Wash. *Coleoptera*. Collection. Exchange in all orders.
- Plummer, Frederic W., Winchendon, Mass. *Lepidoptera*. Coll. Exch.
- Plummer, William H., Danville, Me. *Lepidoptera*. Coll. Exch.
- Poling, Otho C., Quincy, Ill. *Lepidoptera*. Collection. Exchange.
- Pollard, Charles L., U. S. National Museum, Washington, D. C. *Lepidoptera*. Collection. Exchange.
- Pollock, Horatio M., M. S., Ph. D., Albany High School, Albany, N. Y. *Aptera (Hydrachnidæ)*. Collection. Exchange.
- Pomeroy, Fred. E., 164 Holland St., or Bates College, Lewiston, Me. *General Entomology*. Collection. Exchange.
- Pope, T. Edmund B., 20 Hawthorne St., Providence, R. I. *Lepidoptera*. Collection. Exchange.
- Popenoe, Charles H., Topeka, Ks. *Coleoptera, Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Popenoe, E. A., P. O. Box 303, Topeka, Ks. *Coleoptera, Hemiptera*. Collection. Exchange.
- Porter, J. A., M.D., Powassan, Ont., Canada. *Lepid.* Coll. Exch.
- Pough, F. H., 146 Hicks St., Brooklyn, N. Y. *Lepidoptera*. Collection.
- Powell, G. Harold, Newark, Del. *Economic Entomology*.
- Pratt, Henry S., Haverford College, Pa. *Embryology of Insects*. Collection of European *Coleoptera* for sale.
- Prentice, W. J., Glenosborne, Pa. *Coleoptera, Lepidoptera*. Collection.
- Presler, Henry P., 35 N. Mozart St., Chicago, Ill. *Lepid.* Coll. Exch.
- Preston, Carleton E., Fairmount Ave., Hyde Park, Mass. *Gen. Ent.*

- Price, R. H., Entomologist Texas Agric. and Mech. College and Exper. Station, College Station, Texas. *Economic Entomology*.
- Priddey, T. G., 371 Carlton St., Toronto, Canada. *Lepid. Coll. Exch.*
- Priest, Mrs. Lucia M., Manchester, N. H. *Odonata. Coll. Exch.*
- Prince, Clarence K., Westfield, Mass. *Lepidoptera. Collection.*
- Prokes, Frank, 1321 Sacramento Ave., Chicago, Ill. *General Entomology. Collection. Exchange.*
- Pryce, Charles, 799 Congress St., E. Detroit, Mich. *Lepid. Coll. Exch.*
- Quaintance, A. L., Exper. Station, Experiment, Ga. *Economic Entomology, Hemiptera (Aleurodidae). Collection. Exchange.*
- Ramsden, Charles T., Santiago de Cuba. *Lepidoptera (Rhopalocira). Collection. Exchange.*
- Ramstadt, Henry, Jr., 66 Clifton Ave., Chicago, Ill. *General Entomology. Collection. Exchange.*
- Rane, Frank Wm., Prof. Hort., N. H. College of Agric., etc., Durham, N. H. *General and Economic Entomology.*
- Rathbun, Franklin R., 42½ Franklin St., Auburn, N. Y. *General and Economic Entomology, esp. Coccidæ.*
- Raubold, Louis, 52 Village St., Rockville, Conn. *Lepid. Coll. Exch.*
- Raymond, Edward W., 5 Hollis Place, Allston, Mass. *Coleoptera, Lepidoptera. Collection.*
- Read, Homer T., 116 Church St., Newton, Mass. *Lepid. Coll. Exch.*
- Reading, Joseph H., 775 N. Rockwell St., Chicago, Ill. *General Entomology. Collection. Exchange.*
- Reed, Howard S., 2918 Lafayette St., Denver, Col.; or San Pedro Sula, Honduras, Cent. Amer. *Coleoptera, Lepidoptera.*
- Reeve, Margaret M., 3435 N. 21st St., Philadelphia, Pa. *Lepid. Coll.*
- Rehn, James A. G., 1918 N. 21st St., Philadelphia, Pa. *Orthoptera. Collection. Exchange.*
- Reif, Robert, 1324 Stiles St., Philadelphia, Pa. *Lepidoptera (Rhopalocera). Collection. Exchange.*
- Reinecke, Ottomar, 400 Elm St., Buffalo, N. Y. *Coleoptera. Collection.*
- Reinick, Wm. R., Wagner Inst. Science, Philadelphia, Pa. *Coleoptera.*
- Reisig, Aug. C., 322 N. Roman St., New Orleans, La. *Coleoptera (Cicindelidæ, Carabidæ). Collection.*
- Reist, Nathan E., Lime Rock, Pa. *Coleop., Lepid. Coll. Exch.*
- Rennie, R. W., 557 Talbot St., London, Ont., Canada. *Lepidoptera. Collection. Exchange.*
- Resler, Arthur, 1402 N. Bond St., Baltimore, Md. *Hymenoptera. Coll.*
- Rhyder, C. M., Linwood, Delaware Co., Pa. *Gen. Ent. Coll. Exch.*
- Richardson, Wm. D., P. O. Box 185, Fredericksburg, Va. *Coleoptera. Collection. Exchange Clavicornes only.*
- Ricksecker, L. E., Santa Rosa, Sonoma Co., Calif. *Coleop. Coll. Exch.*
- Riederer, Ludwig, 145 West 94th St., New York, N. Y. *Anatomy of Insects. Collection of Microscopical Slides.*

- Rienecker, G. Wm., 562 Nelson Ave., Jersey City Heights, N. J. *Lepidoptera*. Collection. Exchange.
- Riley, William A., Cornell University, Ithaca, N. Y. *Morphology and Development of Insects*.
- Rippon, Edrick V., 129 Hazelton Ave., Toronto, Canada. *Lepidoptera, exotic Coleoptera*. Collection. Exchange.
- Rivers, J. J., South Santa Monica, Calif. *Coleoptera*. Collection.
- Rivet, A. R., 7511 Pennsylvania Ave., St. Louis, Mo. *Coleoptera*.
- Roberts, Chris. H., 74 W. 119th St., New York, N. Y. *Coleop.* Coll.
- Robertson, Charles, Carlinville, Ill. *Hymenoptera; Mutual relations of flowers and insects*. Collection. Exchange.
- Robinson, Wirt, Lieut. U. S. A., West Point, N. Y. *Lepid.* Coll. Exch.
- Rocker, George, 79th St. and 7th Ave., Brooklyn, N. Y. *Lepidoptera*. Collection. Exchange.
- Roddy, H. Justin, State Normal School, Millersville, Pa. *Coleoptera, Spiders*. Collection. Exchange.
- Roesiger, Carl, 184 So. Wyoming St., Carbondale, Pa. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Rogers, J. H., Jr., 33 Grant Ave., Medford, Mass. *Coleoptera, Lepidoptera (Hesperiidae)*. Collection. Exchange.
- Rogers, MacLeod, Newburgh, N. Y. *Coleop., Lepid.* Coll. Exch.
- Rolfs, P. H., Clemson College, S. C. *Coccidæ*. Collection.
- Romberg, B. W., Black Jack Springs, Fayette Co., Texas. *Coleop., Lepid.*
- Ross, Harry, Box 245, Tunkhannock, Pa. *Gen. Ent.* Coll. Exch.
- Routke, A., 14 Sayre St., Elizabeth, N. J. *Lepidoptera*. Coll. Exch.
- Rowler, W. W., Cornell University, Ithaca, N. Y. *Hymenoptera*.
- Rowley, R. R., Louisiana, Pike Co., Mo. *Lepidoptera (Rhopalocera and Sphinges)*. Collection. Exchange.
- Ruggles, Byron P., Hartland Four Corners, Windsor Co., Vt. *Economic Entomology (insects found on the farm)*. Collection. Exchange.
- Rumsey, W. E., Asst. Ent. W. Va. Agric. Exper. Station, Morgantown, W. Va. *General Entomology*.
- Russell, Miss Clara M., State Normal College, Albany, N. Y. *General Entomology*. Collection.
- Russell, Colton, 4652 Wagoner Place, St. Louis, Mo. *Lepid.* Coll.
- Russell, Frank A., Bridgeport, Conn. *Lepidoptera*. Collection.
- Russell, Frederick W., M.D., Winchendon, Mass. *Lepidoptera (Helio-cera)*. Collection. Exchange.
- Russell, Harry, corner Clinton and North Avenues, Bridgeport, Conn. *Lepidoptera*. Collection.
- Ryan, Everett R., Box 33, Stilesville, Ind. *Gen. Ent.* Coll. Exch.
- Sager, N., Jr., Herring P. O., Allen Co., Ohio. *Lepid.* Coll. Exch.
- Sala, August, 1678 West 23d St., Chicago, Ill. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Sandell, Daniel Timotheus, St. Peter, Minn. *Coleoptera*. Collection.
- Sandell, Michael N., St. Peter, Minn. *General Entomology*.

- Sanderson, E. Dwight, Newark, Del. *Coleoptera* (*Chrysometidae* larvæ). Collection. Exchange.
- Sanford, Arthur Eugene, 41 Corbet St., Dorchester, Mass. *Lepidoptera*. Collection. Exchange.
- Satterthwait, Alfred F., Acad. Nat. Sciences, 1900 Race St., Philadelphia, Pa. *Economie Entomology*, *Hemiptera*. Coll. Exch.
- Saunders, Henry S., London, Ont., Canada. *Lepidoptera*. Coll. Exch.
- Savage, Thomas E., Toledo, Iowa. *General Entomology*. Coll. Exch.
- Sawyer, E. L., Winchendon, Mass. *Lepidoptera*. Coll. Exch.
- Sawyer, Sarah E., Webster, N. H. *General Entomology*. Coll. Exch.
- Scammon, Richard E., 2460 Brooklyn Ave., Kansas City, Mo. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Schaefer, E. J., 389 Seventh St., Milwaukee, Wis. *Coleoptera*, *Lepidoptera*, *Hymenoptera*. Collection. Exchange.
- Schaeffer, C., Amer. Mus. Nat. Hist., New York, N. Y. *Coleoptera*.
- Schaeffer, Rev. C. E., Reading, Pa. *Lepid. (Rhopalocera)*. Coll. Exch.
- Schafranck, Anton, 800 Monroe St., St. Charles, Mo. *Coleop.* Coll.
- Schaupp, F. G., Shovel Mount, Burnet Co., Texas. *Coleoptera*, *Lepidoptera*, *Diptera*, *Odonata*. Collection.
- Scheffer, Theo. H., Delphos, Kansas. *Orthoptera*. Collection.
- Schelpert, John W., M.D., 64 W. 96th St., New York, N. Y. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Schiedt, Richard C., Wheatland Ave., Lancaster, Pa. *Coleoptera*, *Economie Entomology* (insects injurious to plants). Collection.
- Schlieter, Carl, 601 Christiana Ave., Chicago, Ill. *Lepid.* Coll. Exch.
- Schmidt, August, 1836 E. Atlantic St., Philadelphia, Pa. *Coleoptera* of Frankford. Collection.
- Schmitt, Rev. P. Jerome, O. S. B., St. Vincent College, Beatty, Pa. *Coleoptera* (*Psclaphidae*, *Scydmaenidae*), *Lepidoptera*, *Hymenoptera* (*Formicidae*). Collection. Exchange.
- Schmitz, Theodore H., 3104 Baring St., Philadelphia, Pa. *Coleoptera*.
- Scholl, Griffith D., Fleetwood, Pa. *Coleop.*, *Lepid.* Coll. Exch.
- Schultz, W. H., Prof. of Science, Shorter College, Rome, Ga. *Hymenoptera*, *Parasites*.
- Schurr, Theodore A., Pittsfield, Mass. *General Entomology*.
- Schwab, Nicholas, 310 North St., Bethlehem, Pa. *Lepid.* Coll. Exch.
- Schwarz, Ernst, 6310 Newstead Avenue, St. Louis, Mo. *Lepidoptera*. Collection. Exchange.
- Schwarz, Hermann, 1811 Dolman Street, St. Louis, Mo. *Lepidoptera*. Collection. Exchange.
- Schweigert, C. F., 22A Hamilton St., Reading, Pa. *Lepidoptera*. Collection. Exchange.
- Scott, John W., High School, Mexico, Mo. *General Entomology*. Coll.
- Scott, W. M., State Capitol, Atlanta, Ga. *Coccidae*. Coll. Exch.
- Scudder, Harold H., 1006 New Hampshire Ave., Washington, D. C. *Lepidoptera*. Collection. Exchange.

- Scudder, Samuel H., Cambridge, Mass. *Fossil Insects, Orthoptera, Lepidoptera (Rhopatocera)*. Collection. Exchange.
- Seaton, Frances, 103 Glen Park Place, Cleveland, Ohio. *Systematic Ent., Life Histories of Insects*. Collection. Exchange.
- Seib, Simon H. M., 102 Boyd Ave., Jersey City, N. J. *Lepid. Coll.*
- Seifert, Otto, 540 E. 84th St., New York, N. Y. *Lepidoptera*. Collection.
- Seiss, C. Few, 1338 Spring Garden St., Philadelphia, Pa. *Orthoptera*, local insects except *Lepidoptera*. Collection. Exchange.
- Seitz, John, 1307 Third Ave., New York, N. Y. *Lepid. Coll. Exch.*
- Selous, Percy S., Greenville, Mich. *Diptera (esp. Dermatobia, Æstridae, Tabanidae, Hippoboscidae)*. Collection. Exchange.
- Shanks, S. G., M.D., 547 Clinton Ave., Albany, N. Y. *Gen. Ent. Coll.*
- Shannon, W. Purdy, 661 Fifth Ave., New York, N. Y. *Lepidoptera*.
- Sharp, Dallas L., 12 Somerset St., Boston, Mass. *Arachnida (Araneæ)*. Collection.
- Shaw, S. Albert, Hampton, N. H. *Lepidoptera*. Collection. Exchange.
- Sheldon, Charles S., Normal School, Oswego, N. Y. *Hymen. Coll.*
- Sheldon, Frank W., Y. M. C. A. Bdg., Des Moines, Iowa. *Colcop. Coll.*
- Sherman, Franklin, Jr., Forest Home, N. Y. *General and Economic Entomology*. Collection. Exchange.
- Sherman, John D., Jr., 4 Fletcher St., New York, N. Y. *Coleoptera (esp. Dytiscidae, Parnidae)*. Will determine species in these families. Named and unnamed specimens desired. Collection. Exchange, buy and sell. (See advertisement on cover).
- Sheriff, F. A., Auditor's Office, Boston and Maine R. R. Co., Boston, Mass. *Coleoptera*. Collection. Exchange.
- Shoemaker, Ernest, 32 Nassau St., New York, N. Y. *Lepid. Coll. Exch.*
- Short, Ernest H., Albion, N. Y. *Lepidoptera*. Collection. Exchange.
- Shulak, F. X., Prof. St. Ignatius College, Chicago, Ill. *Coleoptera*. Collection. Exchange.
- Simkins, Eugene S., Lansdowne, Del. Co., Pa. *Lepidoptera*. Coll.
- Simpson, Charles B., B. S., Ithaca, N. Y. *Diptera; Armature of Lepidopterous larvæ; Histology of Insects*. Collection. Exchange.
- Simpson, Willibert, 26 Nepean St., Ottawa, Ont., Canada. *Coleoptera*. Collection. Exchange.
- Sirrine, F. Atwood, P. O. Box 30, Jamaica, N. Y. *Homoptera (Aphididae)*. Collection. Exchange.
- Skiff, Valentine F., Westfield, Mass. *Lepidoptera*. Collection.
- Skinner, Henry, M.D., 716 N. 20th St., Philadelphia, Pa. *General Entomology*. Collection American Butterflies. Exchange. Will name American Butterflies free of charge.
- Slaybaugh, G. E., 1502 R St., Washington, D. C. *Colcop. Coll. Exch.*
- Slear, Reno, 1251 Susquehanna Ave, Sunbury, Pa. *Coleoptera*. Coll.
- Slingerland, M. V., Ithaca, N. Y. *Economic Entomology*.
- Slosson, Mrs. Annie Trumbull, 38 E. 23d St., New York, N. Y. *Lepidoptera*. Collection.

- Small, W. M., Swampscott, Mass. *Coleoptera*. Collection. Exchange.
- Smalley, George A., 11 Wentworth St., New Dorchester, Mass. *Lepidoptera*. Collection. Exchange.
- Smith, A., & Sons, 269 Pearl St., New York, N. Y. Manufacturers and Importers of Entom. Goods. (See advertisement on cover).
- Smith, Benj. H., 406 Girard Building, Broad and Chestnut Sts., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Smith, E. Clayton, M. D., 135 Plymouth Ave., Rochester, N. Y. *Lepidoptera*. Collection. Exchange.
- Smith, Edgar J., Natick, Mass. *Lepidoptera*. Collection. Exchange.
- Smith, Herbert H., Carnegie Museum, Pittsburgh, Pa. *Gen. Ent.*
- Smith, Horace G., 2918 Lafayette St., Denver, Col. *Gen. Ent.* Coll.
- Smith, Rev. James A., 117 Eighth St., Troy, N. Y. *Coleoptera*. Coll.
- Smith, John B., Sc. D., New Brunswick, N. J. *Lepid. (Noctuidæ)*. Coll.
- Smith, J. C., 131 Carondelet St., New Orleans, La. *Odonata*. Coll. Exch.
- Smith, S. H., 11 William St., East Orange, N. J. *Lepid. (Rhopa)*. Coll.
- Smith, Theo. H., 22 Essex Ave., Orange, N. J. *Lepidoptera*.
- Smyth, Ellison A., Jr., Virginia Polytechnic Institute, Blacksburg, Va. *Lepidoptera*. Collection. Exchange.
- Snow, F. H., Ph. D., Director of Museum, University of Kansas, Lawrence, Ks. *Lepidoptera*. University collection. Exchange.
- Snyder, Arthur J., Belvidere, Ill. *Lepidoptera*. Collection. Exchange.
- Snyder, Howard A., Hermit Lane, Roxborough, Philadelphia, Pa. *Hymenoptera*. Collection.
- Snyder, Mary D., Belvidere, Ill. *Lepidoptera*. Collection.
- Snyder, W. E., Beaver Dam, Wis. *Coleop.*, *Hymen.* Coll. Exch.
- Sosebee, Lee, Nelson, Georgia. *General Entomology*.
- Soule, Caroline Gray, 187 Walnut St., Brookline, Mass. *Life histories, Sphingidæ, Bombycidæ*. Will gladly send eggs, larvæ or pupæ to other Entomologists when having what they want.
- Souther, Wm. N., Groton, Mass. *Lepidoptera*. Collection. Exchange.
- Southwick, Edmund B., Ph. D., Arsenal Building, 65th St. and 5th Ave., Central Park, New York, N. Y. *Diptera, Hemip.* Coll. Exch.
- Southwick, James M., Curator Mus. Nat. Hist., Roger Williams Park, Providence, R. I. *Coleoptera, Lepidoptera*. Mus. Coll. Exch.
- Speck, Frank G., Jr., Hackensack, N. J. *Coleop.*, *Lepid.* Coll. Exch.
- Sprague, Frank H., Box 280, Wollaston, Mass. *Gen. Ent.* Coll.
- Stadtmueller, F. H., Elmwood, Conn. *General Entomology*.
- Standish, Dr. J. V. N., Galesburg, Ill. *General Entomology*.
- Stanton, J. Y., Bates College, Lewiston, Me. *Lepidoptera*. Collection.
- Stauffer, W. S., Disston, Lancaster Co., Pa. *Coleoptera*. Coll. Exch.
- Stearns, Elmer, P. O. Box 59, Sta. A, Los Angeles, Calif. *Coleoptera, Economic Entomology*.
- Stearns, Winfrid A., Atlanta, Ga. *General Entomology, esp. Lepidoptera and transformations of Insects*. Collection. Correspondence solicited with parties finding "rare species out of place."

- Stebbins, Fannie A., 480 Union St., Springfield, Mass. Collecting Galls. Exchange.
- Stedman, J. M., Prof. of Ent., Univ. of Missouri: Entomologist of Exper. Sta., Columbia, Mo. *General Entomology*. Collection.
- Steinbrecher, F., M.D., 1291 Greene Ave., Brooklyn, N. Y. *Lepidoptera, native and exotic*. Collection. Exchange.
- Stephens, Frank, Witch Creek, San Diego Co., Calif. *Lepid.* Coll.
- Stephens, Mrs. Kate, Witch Creek, San Diego Co., Calif. *Lepid.* Coll.
- Stephenson, L. T., Vinton, Calif. *Lepidoptera*. Collection. Exchange.
- Steuber, Wm., 124 Barber Ave., Cleveland, Ohio. *Coleop., Lepid.* Coll.
- Stevens, Waldo W., 640 Bryson St., Youngstown, Ohio. *Gen. Ent.*
- Stevenson, Charles, Chemical Labr., McGill Medical College, Montreal, Canada. *Coleop., Hymen., Econ. Ent.* Coll. Exch.
- Stewart, Graeme M., 233 Beverley St., Toronto, Canada. *Gen. Ent.*
- Stiles, Dr. Ch. Wardell, U. S. Dept. Agric., Washington, D. C. *Insects from medical standpoint* (carriers of disease; intermediate hosts for parasitic worms, etc.).
- St. John, Edward P., Plattsburgh, N. Y. *Lepidoptera*. Coll. Exch.
- Stoddard, A. O., 120 High St., Belfast, Me. *Lepidoptera*. Coll. Exch.
- Stone, Seymour H., 47 Mt. Vernon St., Boston, Mass. *Gen. Ent.*
- Stover, Oliver O., Freeport, Me. *Hemiptera of Maine*. Coll. Exch.
- Stratton, Randolph M., D.D.S., Scranton, Pa. *Lepid.* Coll. Exch.
- Straub, Robert, 306 Ninth Ave., Long Island City, N. Y. *General Entomology*. Collection. Exchange.
- Strecker, Herman, Dr. Ph., P. O. Box 311, Reading, Pa. *Lepidoptera of the world*. Collection. Exchange, buy and sell.
- Stroh, Miss H., 361 So. 4th St., Sunbury, Pa. *Odonata*. Collection.
- Stutz, Richard, Johnsonburg, Elk Co., Pa. *Coleoptera*. Coll. Exch.
- Sugden, J. W., 651 W. First South St., Salt Lake City, Utah. *General Entomology*. Collection. Exchange.
- Summers, Henry E., Ames, Iowa. *Rhynchota-Heteroptera*. Coll. Exch.
- Sumner, Louise, 33 Clinton Ave., South Rochester, N. Y. *Lepid.* Coll.
- Surface, H. A., M.Sc., Ithaca, N. Y. *Aquatic Insects*. Coll. Exch.
- Sutermeister, Margaret, Readville, Mass. *Lepidoptera*. Coll. Exch.
- Swan, Chas. W., M.D., 1073 Beacon St., Brookline, Mass. *Coleop.* Coll.
- Swartz, C. L., Wellesley, Mass. *Lepidoptera*. Collection. Exchange.
- Swett, Louis W., 73 Elm St., Malden, Mass. *Lepidoptera*. Coll. Exch.
- Syckelmoore, Wm. Horace, 2005 Wallace St., Philadelphia, Pa. *Lepidoptera*. Collection. Exchange.
- Sylvester, Mrs. I. W., Passaic, N. J. *Coleop., Lepid.* Coll. Exch.
- Tallant, W. N., Richmond, Ind. *Lepidoptera*. Collection. Exchange.
- Talley, T. W., State College, Tallahassee, Fla. *Lepidoptera, Economic Entomology*. Collection. Exchange.
- Tandy, M., Dallas City, Ill. *Coleoptera, Lepidoptera*. Coll. Exch.
- Tanner, Wm. F., 35 Moreland St., Roxbury, Mass. *Lepidoptera*. Coll.
- Taylor, Rev. George William, Nanaimo, B. C., Canada. *Economic Entomology*. Collection, chiefly of Vancouver Island Insects.

- Taylor, O. L., 529 Portland Ave., St. Paul, Minn. *Lepid.* Coll. Exch.
- Taylor, Robert T., 4914 Penn St., Philadelphia, Pa. *Lepidoptera.* Coll.
- Tenney, Mrs. Ellen L., 484 Madison Ave., Albany, N. Y. *Lepidoptera.*
- Terry, Wm. G., 643 Monroe St., Little Falls, N. Y. *Lepidoptera.* Coll.
- Test, Frederick C., M.D., 4401 Indiana Ave., Chicago, Ill. *Econ. Ent.*
- Teute, Ferd., 12 Hoelzer St., Rochester, N. Y. *Lepid.* Coll. Exch.
- Thaxter, Roland, 3 Scott St., Cambridge, Mass. *Fungus Parasites of Insects.* Collection of *Bombycidæ* and *Noctuidæ*. Will exchange for insects infested by fungi.
- Thiel, Louis, 2721 Scioto St., Cincinnati, Ohio. *Lepid.* Coll. Exch.
- Thiess, J. B., 1800 Arlington Place, Chicago, Ill. *Lepid.* Coll. Exch.
- Thomas, Flavel S., M.D., Hanson, Mass. *Lepidoptera.* Coll. Exch.
- Thomas, Gordon, 63 Chestnut St., East Orange, N. J. *Coleoptera.* Collection. Exchange.
- Thomas, Joseph, M.D., Quakertown, Pa. *General Entomology.*
- Thomas, Lancaster, 1932 Mt. Vernon St., Philadelphia, Pa. *Lepidoptera* (esp. *Amer. Rhopalocera*). Collection. Exchange.
- Thomas, Roy S., P. O. Box 14, Bogota, N. J. *Coleoptera.* Coll. Exch.
- Thomsen, Arch. V., 1606 Lincoln Ave., Chicago, Ill. *Lepid.* Coll. Exch.
- Thornburg, Thomas E., Ashland, Ohio. *Coleoptera and Lepidoptera of the world.* Collection. Exchange.
- Thurresson, Maude M., 98 G. St., So. Boston, Mass. *General Entomology.* Collection. Exchange.
- Thurston, C. O., Kingston, Luz. Co., Pa. *Coleop., Lepid.* Coll. Exch.
- Tight, W. G., Granville, Ohio. *Insects in relation to plant life.* Collection. Exchange.
- Timm, Charles F., 48 Ralph St., Brooklyn, N. Y. *Lepidoptera.* Collection, native and exotic. Exch. for native pupæ and cocoons.
- Timm, Clarence, 48 Ralph St., Brooklyn, N. Y. *Lepid.* Coll. Exch.
- Tinsley, John D., Agric. and Mech. College, Mesilla Park, New Mexico. *Hemiptera (Dactylopinae)*. Collection. Exchange.
- Titus, E. S. G., Ft. Collins, Col. *Hymen. (Anthophila)*. Coll. Exch.
- Todd, Dr. G. M., Akron Sav. Bank Bdg., Akron, Ohio. *Coleop.* Coll.
- Tolman, Adams, Concord, Mass. *General Entomology.* Local coll.
- Tomlinson, James H., Calgary, Alberta, Canada. *Lepid.* Coll. Exch.
- Tough, James, 165 Ogden Ave., Chicago, Ill. *Lepidoptera, Odonata.* Collection. Exchange.
- Toumey, J. W., Tucson, Arizona. *Economic Entomology.*
- Tower, William L., Box 26, Westdale, Mass., and Zool. Labr., Harvard Univ., Cambridge, Mass. *Insect Anatomy and Morphology.* Collection. Exchange for series showing color variation or for properly preserved larvæ and pupæ, for color development study; also for large lots of common species.
- Townsend, C. H. Tyler, Las Cruces, N. Mex. *Diptera, Coccidæ.* Coll.
- Townsend, John, 218 Endicott Building, St. Paul, Minn. *Coleoptera.* Collection. Exchange.
- Transeau, Edgar N., Williamsport, Pa. *Coleop., Lepid.* Coll. Exch.

- Treat, Mary, Vineland, N. J. *General Entomology*.
- Tristram, Joseph, Brenham, Texas. *Lepidoptera*. Collection.
- Trombley, Jerome, P. O. Box 54, Petersburg, Mich. *Lepidoptera* (*Rhopalocera*). Collection. Exchange.
- Troop, James, Purdue University, La Fayette, Ind. *Lepidoptera*, *Hemiptera*. Collection. Exchange.
- Troschel, Alfred, 446 Larchmont Ave., Chicago, Ill. *Lepid.* Coll. Exch.
- Troxler, C., Sr., 522 E. Market St., Louisville, Ky. *Lepid.* Coll. Exch.
- Truman, Hon. P. C., Volga, So. Dakota. *Coleop.*, *Lepid.* Coll. Exch.
- Twogood, F. D., 566 14th St., Riverside, Calif. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Tyers, Chas. H., Ravensworth P. O., Ont., Canada. *Lepidoptera*. Coll.
- Tyler, Fred. J., Perry, Lake Co., Ohio. *Lepidoptera*. Coll. Exch.
- Ufford, Eugene U., Willimansett, Mass. *Lepidoptera*. Collection.
- Uhler, Philip R., 254 W. Hoffman St., Baltimore, Md. *Hemiptera of the world*. Collection. Exchange.
- Ulke, Henry, 411 15th St., N. W., Washington, D. C. *Coleoptera*. Coll.
- Ullrich, Lewis, Tiffin, Ohio. *Lepidoptera*. Collection. Exchange.
- Underwood, Jay G., Windsor, Vt. *Lepidoptera*. Collection. Exchange.
- Valentine, Clarence, 80 Chestnut St., Albany, N. Y. *Lepid.* Coll. Exch.
- Valentine, H. E., 70 Kilby St., Boston, Mass. *General Entomology*, esp. *Gall-flies and Aquatic Insects*.
- Van Atter, W. M., 235 N. 22d St., Philadelphia, Pa. *General Entomology*.
- ✓ Van Duzee, Edward P., Grosvenor Library, Buffalo, N. Y. *Hemiptera*. Collection. Exchange.
- Van Dyke, Edwin C., M. D., St. Luke's Hospital, San Francisco, Calif. *Coleoptera*. Collection. Exchange.
- Van Dyke, H. L., Crothers, Washington Co., Pa. *Lepid.* Coll. Exch.
- Van Leer, A. W., 1008 N. East St., Bloomington, Ill. *General Entomology*. Collection. Exchange.
- Van Roo, Martin, 700 36th St., Milwaukee, Wis. *Gen. Ent.* Coll. Exch.
- Van Voorhis, J. Fulton, 141 W. Main St., Newark, Ohio. *Lepid.* Coll.
- Vedder, C. C., M.D., St. Johnsville, N. Y. *Lepidoptera*. Collection.
- Viereck, Henry L., 2134 Vine St., Philadelphia, Pa. *Hymen.* Coll. Exch.
- Vollbrecht, Paul, 1873 N. Lincoln St., Chicago, Ill. *Lepidoptera*. Collection also of *Coleoptera*. Exchange.
- Vosburgh, J. H. H., Little Falls, N. Y. *Coleoptera*. Collection.
- Vosburgh, W. S., Tremont, New York, N. Y. *Lepid.* Coll. Exch.
- Vose, Miss Ellen F., Mattapan, Mass. *Lepidoptera*. Coll. Exch.
- Wadsworth, Miss Mattie, Hallowell, Maine. *Neuroptera*, *Odonata*. Collection. Exchange.
- Wainwright, Robert D., Capt. U. S. Marines, 175 Paterson St., Paterson, N. J. *Lepidoptera*. Collection. Exchange.
- Walker, C. Loyal, 228 Clinton Ave., Oak Park, Ill. *Coleoptera*, *Odonata*. Collection. Exchange.
- Walker Charles M., 21 Main St., Amherst, Mass. *Coleoptera*.

- ✓ Walker E. M., 99 St. George St., Toronto, Ont., Canada. *Orthoptera*. Collection. Exchange.
- Walker George H., Belvidere, Ill. *Lepidoptera*. Collection. Exchange.
- Walker, J. V. D., Jamaica, N. Y. *Lepidoptera: eggs, larvæ, pupæ, imago*s. Collect to sell.
- Walrath, Seward, St. Johnsville, N. Y. *General Entomology*. Collection.
- Walston, M. Cragg, 1222 Nicollet Ave., Minneapolis, Minn. *Lepidoptera*. Collection. Exchange.
- Walter, Herbert Eugene, A.M., North Division High School, Chicago, Ill. *General Entomology*.
- Wanka, Louis, 1968 Santee St., Los Angeles, Calif. *General Entomology*. Collection. Exchange.
- Ware, Robert A., 246 Devonshire St., Boston, Mass. *Gen. Ent.*
- Ware, Thomas, Plattsville, Ont., Canada. *Lepidoptera (Rhoptocera)*. Collection. Exchange.
- Warren, Rev. J. C., Keeneyville, Tioga Co., Pa. *Coleop.* Coll. Exch.
- Warwick, F. W., B.Sc., Buckingham, P. Q., Canada. *Lepid.* Coll. Exch.
- Washburn, Percy C., 244 Main St., Everett, Mass. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Watson, A. H. R., P. O. Box 360, Port Hope, Ont., Canada. *Coleoptera*. Collection. Exchange.
- Watson, Frank E., 4 Freeman St., New York, N. Y. *Lepid.* Coll. Exch.
- Weaver, Alice Rush, 2032 Tioga St., Philadelphia, Pa. *Lepid.* Coll. Exch.
- Weaver, Frederick W., 1064 Willoughby Ave., Brooklyn, N. Y. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Weaver, G. E. H., Sta. B., West Philadelphia, Pa. *Coleop.*, *Lepid.* Coll.
- Webber, Herbert J., U. S. Dept. Agric., Washington, D. C. *Relation of Plants and Insects*.
- Weber, Charles F., 504 Race St., Philadelphia, Pa. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Weber, Samuel E., Greenlane, Pa. *Psocidæ*. Collection. Exchange.
- Webster, C. E., M.D., Binghamton, N. Y. *Lepidoptera*. Collection.
- Webster, F. M., Wooster, Ohio. *Coleoptera*. Collection.
- Weed, Clarence M., Durham, N. H. *Phalangidæ*. Coll. Exch.
- Weed, Howard Evarts, Griffin, Ga. *Economic Entomology*. Collection.
- Weeks, A: Eugene, Kast Bridge, Herkimer Co., N. Y. *General Entomology*. Collection. Exchange.
- Weeks, Andrew G., Jr., 360 Washington St., Boston, Mass. *Diurnal Lepidoptera of the world*. Collection. Exchange.
- Weeks, Anson H., Kings Bridge, New York, N. Y. *Coleop.* Coll. Exch.
- Weeks, Archibald C., 34 Broad St., New York, N. Y. *Economic Entomology*. (*Coleop.*, *Lepid.*). Coll. of all orders. Exch. in *Coleop.*
- Weeks, Ella, Lawrence, Kansas. *Hemiptera (mouth-parts)*.
- Weeks, William H., Jr., 508 Willoughby Ave., Brooklyn, N. Y. *Lepidoptera*. Collection. Exchange.
- Weems, Rachel A. D., 1428 Chapin St., Washington, D. C. *Gen. Ent.*

- Weidt, A. J., 165 Summit St., Newark, N. J. *Nocturnat Lepidoptera*. Collection. Exchange.
- Weir, Wm. W., 493 14th Ave., Detroit, Mich. *Coleoptera*. Coll. Exch.
- Weith, Rudolph J., Elkhart, Ind. *Hymenoptera*. Collection. Exchange.
- Welles, Chas. S., Elwyn, Del. Co., Pa. *Lepidoptera*. Coll. Exch.
- Welton, Harry, Brunswick, Ga. *Lepid.*, *Hymen*. Coll. Exch.
- Wenman, William, Box 135, Red Deer, Alberta, Canada. *Coleoptera*, *Lepidoptera*. Collection.
- Wenman, Wm. Jr., Box 135, Red Deer, Alberta, Canada. *Coleoptera*, *Lepidoptera*. Collection.
- Wenner, Frank W., North Baltimore, Wood Co., Ohio. *Lepidoptera*. Collection. Exchange.
- Wenzel, Edward, 1835 S. 12th St., Philadelphia, Pa. *Coleoptera*.
- Wenzel, Harry A., 1523 S. 13th St., Philadelphia, Pa. *Coleop.* Coll. Exch.
- Wenzel, Henry W., 1523 S. 13th St., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Werum, J. H., Toledo, Ohio. *General Entomology*. Coll. Exch.
- West, John H., 2215 Sepviva St., Philadelphia, Pa. *Lepid.* Coll. Exch.
- Westcott, Chas. S., Rutledge, Del. Co., Pa. *Lepidoptera*. Coll. Exch.
- Westcott, Oliver S., Maywood, Ill. *General Entomology*. Coll. Exch.
- Westervelt, Anna, Loudonville, N. Y. *General Entomology*. Collection.
- Westgate, Wm. Walter, Brunner, Harris Co., Texas. *Coleoptera*, *Lepidoptera*. Coll. Exch. Desires to corresp. with specialists willing to name material in return for specimens from this locality.
- Wetherby, A. G., Magnetic City, Mitchell Co., N. C. *Odonata*, *Lepidoptera*. Coll. Exch. Collects also *Coleoptera*, *Hymenoptera*.
- Wetzstein, Albert, Prof. High School, St. Marys, Ohio. *General Entomology*. Collection. Exchange.
- Wheeler, Ralph L., 50 Claire St., Lowell, Mass. *Coleoptera*, *Lepidoptera*, *Neuroptera*. Collection. Exchange.
- Wheeler, William Morton, Ph.D., Prof. of Zoology, University of Texas, Austin, Tex. *General Entomology*.
- Wheelock, George A., Keene, N. H. *Coleoptera*. Local collection.
- Whitall, Charles P., 542 E. Second St., Plainfield, N. J. *Lepidoptera*. Collection. Exchange.
- White, James, Snelgrove, Ont., Canada. *General Entomology*. Coll.
- Whitman, Charles H., 32 Garland St., Bangor, Me. *Gen. Ent.* Coll.
- Whitney, Chas. Fuller, 105 Chestnut St., Cambridge, Mass. *Lepid.* Coll.
- Whitney, C. P., Milford, N. H. *Diptera (Tabanidae)*. Coll. Exch.
- Whitney, E. R., 20 North St., Binghamton, N. Y. *Lepidoptera*.
- Whiting, C. A., Pacific School of Osteopathy, Los Angeles, Calif. *Parasitic Insects and Worms*. Collection. Exchange.
- Whittredge, Harry G., 212 Summer St., Dorchester, Mass. *Lepidoptera*. Collection. Exchange.
- Wickham, Henry F., Iowa City, Iowa. *Coleoptera*, esp. in regard to distribution. Collection. Exchange. *Coleoptera* for sale (see advertisement on cover).

- Wicks, Arthur H., Clyde, Ohio. *Coleop.*, *Hymen.* Coll. Exch.
- Wight, Alexander E., Wellesley Hills, Mass. *Lepidoptera.*
- Wilbur, Fred. H., Tunkhannock, Pa. *Gen. Ent.* Coll. Exch.
- Wilcox, E. V., Dept. of Agriculture, Washington, D. C. *Histology of Insects*, *General Entomology.* Collection.
- Wilcox, Walter H., 1630 Hogan St., St. Louis, Mo. *Gen. Ent.* Coll.
- Wilder, Harris H., Ph.D., Prof. Zoology, Smith College, Northampton, Mass. *Anatomy and Embryology of Insects.* College coll.
- Wildman, Edw., 229 W. 112th St., Chicago, Ill. *Lepidoptera.* Coll.
- Wiley, C. A., Miles City, Montana. *Lepidoptera.* Collection. Exchange.
- Wilford, H. E., Andes, N. Y. *Macro-Lepidoptera.* Coll. Exch.
- Wilkinson, Edward, Mansfield, Ohio. *Coleoptera.* Collection. Exchange.
- Wilkinson, Mac., Woodstock, Ont., Canada. *Coleoptera*, *Lepidoptera.* Collection. Exchange.
- Willcox, M. A., Wellesley College, Wellesley, Mass. *Gen. Ent.*
- Willet, N. L., 812 Broad St., Augusta, Ga. *General Entomology.*
- Williams, Francis Xavier, 1015 Scott St., San Francisco, Calif. *General Entomology.* Collection. Exchange.
- Williams, J. B., 86 Union Ave., Montreal, Canada. *Lepidoptera (Rhoptocera).* Collection.
- Williams, Thomas A., P. O. Box 35, Takomo Park, D. C. *Homoptera (Aphididae).* Collection. Exchange.
- Williamson, Charles S., 2127 Mt. Vernon St., Philadelphia, Pa. *Coleoptera.* Collection. Exchange.
- Williamson, E. B., Bluffton, Ind. *Odonata.* Collection. Exchange.
- Willing, T. N., Olds, Alberta, N. W. T., Canada. *Lepid.* Coll. Exch.
- Williston, Samuel W., Prof. University of Kansas, Lawrence, Kansas. *Diptera.* Collection.
- Willson, Walter J., 59 G St., South Boston, Mass. *Lepidoptera.*
- Wilson, Charles Branch, State Normal School, Westfield, Mass. *Aquatic Larvæ.* Collection. Exchange.
- Wilson, H. V., Prof. Biology, University of North Carolina, Chapel Hill, N. C. *General Entomology.* Collection of local forms.
- Wimmer, August A., 2083 Crotona Ave., New York, N. Y. *Coleoptera*, *Lepidoptera.* Collection. Exchange.
- Winecoff, Rev. Thomas E., Morgantown, W. Va. *Lepidoptera.*
- Winn, Albert F., 58 Bruce Ave., Westmount, P. Q., Canada. *Lepidoptera.* Collection. Exchange.
- Wintenberg, W. J., Washington, Ont., Canada. *Coleoptera*, *Hemiptera.*
- Wirtner, Rev. M., O. S. B., St. Boniface Chnrch, Royal St., Allegheny, Pa. *Hemiptera.* Collection. Exchange.
- Witter, F. M., Muscatine, Iowa. *Lepidoptera.* Collection.
- Wolcott, A. B., M D., 901 W. Locust St., Bloomington, Ill. *Coleoptera.* Collection. Exchange.
- Wolcott, Robert H., M. D., State University, Lincoln, Neb., or Grand Rapids, Mich. *Lepidoptera*, *Coleoptera* (esp. *Hydrachnidæ*); desires correspondence with all interested. Collection. Exchange.

- Wolf, Alois, Newell Ave., Williams Bridge, New York, N. Y. *Lepidoptera*. Collection. Exchange.
- Wolfgang, Harry Gilbert, P. O. Box F, Leetonia, Ohio. *Economic Entomology* (esp. *Coccidæ*). Collection. Exchange.
- Wolley Dod, F. H., P. O. Box 225 Calgary, Alberta, Canada. *Macro-Lepidoptera*. Collection. Exchange.
- Wood, Wm. Congdon, 51 Fifth Ave., New York, N. Y. *Coleoptera* (*Cicindelidæ*). Collection. Exchange.
- Woodruff, W. W., 285 Viaduct St., Cleveland, Ohio. *Lepid.* Coll. Exch.
- Woodworth, Mrs. A. M., 81 Ayerigg Ave., Passaic, N. J. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Woodworth, C. W., 2043 Lincoln St., Berkeley, Calif. *Local Fauna of Diptera and Homoptera; Embryology*. Coll. Exch.
- Woodworth, Howard O., 610 E. Clark St., Champaign, Ill. *Lepidoptera*. Collection. Exchange.
- Woolley, H. S., F. E. S., 577 So. Main St., Waterbury, Conn. *Lepidoptera*. Collection. Exchange.
- Woolman, Anna, Lansdowne, Del. Co., Pa., *Lepidoptera*. Collection.
- Wooster, L. C., 1017 Union St., Emporia, Kansas. *Economic Entomology*. Collection in State Normal Museum.
- Works, Winfield F., 1343 Wallach Place, Washington, D. C. *Orthop.*
- Wormsbacher, Henry, 122 Hutton St., Jersey City, N. J. *Lepidoptera*. Collection of native and exotic butterflies. Exchange.
- Worth, Wm. A., 110 Oakwood Ave., Syracuse, N. Y. *Coleop.* Coll. Exch.
- Wright, Albert A., Oberlin, Ohio. *General Entomology*. Coll. Exch.
- Wright, W. G., P. O. Box 1145, San Bernardino, Calif. *Lepidoptera* (*Rhopalocera*). Collection.
- Wright, W. Hoyt, Normal, Ill. *Neurop.* (esp. *Chrysopa*). Coll. Exch.
- Wunder, Chas., 501 E. 16th St., New York, N. Y. *Lepid.* Coll. Exch.
- Yarnell, James E., Wapakoneta, Ohio. *Odonata*. Collection. Exchange.
- Yates, Dr. Lorenzo Gordon, Santa Barbara, Calif. *Coleop.*, *Lepid.* Coll.
- Yergason, Robert Moseley, 143 Sigourney St., Hartford, Conn. *Lepidoptera*. Collection. Exchange.
- Young, Charles H., Hurdman's Bridge P. O., Ont., Canada. *Lepidoptera*. Collection. Exchange.
- Young, Chester, Ellenville, N. Y. *Hymen.* (*Tenthredina*). Coll. Exch.
- Young, Douglas B., Newport, N. Y. *Coleoptera*. Collection. Exchange.
- Zabriskie, Rev. J. L., 28 Regent Place, Flatbush Sta., Brooklyn, N. Y. *Coleoptera*, *Hymenoptera*. Collection. Exchange.
- Zahrobsky, Vance J., Wilmerding P. O., Allegheny Co., Pa. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Zavitz, Edmund J., Ridgeway, Ont. (June 1 to Oct. 1); McMaster Hall, Toronto (Oct. 1 to June 1), Canada. *Hymenoptera*, *Arachnida*. Collection. Exchange.
- Zerrahn, C. Otto, Box 21, Milton, Mass. *Lepidoptera*. Coll. Exch.
- Ziegler, S. W., 25 S. Penn St., York, Pa. *Coleoptera*, *Lepidoptera*.

GEOGRAPHICAL ARRANGEMENT.

ARIZONA.

	PAGE
Clifton.	
Davidson, Dr. A., <i>Hymen</i>	9
Phoenix.	
Kunzé, Dr. R. E., <i>Lepid</i>	20
Tucson.	
Tonney, J. W., <i>Econ. Ent</i>	34

ARKANSAS.

Fayetteville.	
McNiel, Jerome, <i>Orthop</i> , <i>Myriap</i>	23

CALIFORNIA.

Alameda.	
Koebele, Albert, <i>Lepid</i>	20
Alma.	
Grundel, J. G., <i>Lepid</i>	15
Berkeley.	
Woodworth, C. W., <i>Dipt</i> , <i>Homop</i>	39
Cazadero.	
Otis, Hamilton, <i>Lepid</i>	26
Claremont.	
Cook, A. J., <i>Econ. Ent</i>	8
Duarte.	
Fowler, Carroll, <i>Hymen</i>	12
Eldorado.	
Harris, Sarah E., <i>Hymen</i> , <i>Dipt</i>	15
El Modena.	
Helwig, Walter L., <i>Gen. Ent</i>	16
Kaweah.	
Hopping, Ralph, <i>Coleop</i>	17
Los Angeles.	
Compere, George, <i>Econ. Ent</i>	7
Griffith, Benj. W., <i>Hemip</i> , <i>Coccidæ</i> ..	14
Harvey, E. K., <i>Lepid</i>	15
Hutchinson, Chas. E., <i>Arach</i>	18
Krebs, T. L., <i>Coleop</i> , <i>Lepid</i>	20
Stearns, Elmer, <i>Coleop</i> , <i>Econ. Ent</i> ...	32

	PAGE
Wanka, Louis, <i>Gen. Ent</i>	36
Whiting, C. A., <i>Parasites</i>	37
Marysville.	
Harney, G. W., <i>Hemip</i>	15
Menlo Park.	
Mills, Helen H., <i>Odonata</i>	24
Mokelumne Hill.	
Blaisdell, Dr. F. E., <i>Coleop</i>	4
Monterey.	
Hickman, J. B., <i>Coleop</i> , <i>Lepid</i>	16
Mountain View.	
Ehrhorn, Edw. M., <i>Coccidæ</i>	11
Oakland.	
Dunn, G. W., <i>Coleop</i>	10
Nannenmacher, F. W., <i>Coleop</i>	25
Orange.	
Dearing, Rev. W. S., <i>Coleop</i>	9
Palo Alto.	
Bartruff, Zöe S., <i>Gen. Ent</i>	2
Kellogg, Vernon L., <i>Orthop</i>	19
Pasadena.	
Claypole, E. W., <i>Econ. Ent</i>	7
Daggett, Frank S., <i>Coleop</i> , <i>Lepid</i>	9
Fall, Henry C., <i>Coleop</i>	11
Fényes, Dr. A., <i>Coleop</i>	12
Franklin, Burnell, <i>Lepid</i>	13
Grinnell, F., Jr., <i>Lepid</i> , <i>Odonata</i>	14
Herr, Clarence W., <i>Lepid</i>	16
Riverside.	
Hyatt, Edw., <i>Coleop</i> , <i>Hymen</i>	18
Twogood, F. D., <i>Coleop</i> , <i>Lepid</i>	35
Sacramento.	
Pearson, Henry F., <i>Coleop</i> , <i>Lepid</i>	26
San Bernardino.	
Wright, W. G., <i>Lepid</i>	39
San Diego.	
Field, Geo. H., <i>Coleop</i>	12
Osburn, Miss Lura, <i>Gen. Ent</i>	26

PAGE

San Francisco.

Behr, Dr. H., <i>Lepid.</i>	3
Cottle, Jas. E., <i>Lepid.</i>	8
Craw, Alex., <i>Coccidæ</i>	8
Fuchs, Chas., <i>Col.</i>	13
Huguenin, J. C., <i>Col., Lepid.</i>	18
Letcher, Beverly, <i>Lepid.</i>	21
Mueller, G. T. O., <i>Lepid.</i>	24
VanDyke, Dr. E. C., <i>Col.</i>	35
Williams, Francis X., <i>Gen. Ent.</i>	38

San José.

Bush, Mrs. A. E., <i>Gen. Ent.</i>	6
Clark, Ulysses S., <i>Gen. Ent.</i>	7
King, Ernest S., <i>Gen. Ent.</i>	19
Patterson, Rose W., <i>Coccidæ</i>	26

Santa Ana.

Pierce, Newton B., <i>Neurop.</i>	27
---	----

Santa Barbara.

Cooper, Ellwood, <i>Parasites</i>	8
Yates, Dr. L. G., <i>Col., Lepid.</i>	39

Santa Monica.

Rivers, J. J., <i>Col.</i>	29
----------------------------------	----

Santa Rosa.

Rieksecker, L. E., <i>Col.</i>	28
--------------------------------------	----

Soldiers' Home.

Albright, Max, <i>Col., Lepid.</i>	1
--	---

Vinton.

Stephenson, L. J., <i>Lepid.</i>	33
--	----

Witch Creek.

Stephens, Frank, <i>Lepid.</i>	33
Stephens, Mrs. Kate, <i>Lepid.</i>	33

CANADA.

Aweme, Man.

Criddle, Norman, <i>Col., Lepid.</i>	8
--	---

Bartonville, Ont.

Johnston, James, <i>Col., Lepid.</i>	19
--	----

Beulah, Man.

Collingwood, Robt., <i>Lepid.</i>	7
Dennis, A. J., <i>Col., Lepid.</i>	9
Gibbon, Hugh A., <i>Lepid.</i>	13

Bracebridge, Ont.

Cockburu, Bessie, <i>Gen. Ent.</i>	7
--	---

PAGE

Brandon, Man.

Boger, H. W. O., <i>Lepid.</i>	4
--------------------------------------	---

Buckingham, P. Q.

Warwick, F. W., <i>Lepid.</i>	36
-------------------------------------	----

Calgary, Alberta.

Tomlinson, Jas. H., <i>Lepid.</i>	34
Wolley-Dod, F. H., <i>Lepid.</i>	39

Cartwright, Man.

Heatb, Edwin F., <i>Lepid.</i>	16
--------------------------------------	----

Chicoutimi, P. Q.

Huard, Rev. V. A., <i>Gen. Ent.</i>	18
---	----

Essex, Ont.

Krieghoff, C., <i>Gen. Ent.</i>	20
Laing, Ernest N., <i>Lepid.</i>	20

Guelph, Ont.

Lochhead, Prof. W., <i>Orth., Coccidæ</i>	21
---	----

Hurdman's Bridge, Ont.

Yong, Chas. H., <i>Lepid.</i>	39
-------------------------------------	----

Innisfail, Alberta.

Oldham, F. M., <i>Lepid.</i>	25
------------------------------------	----

Levis, P. Q.

Fyles, Rev. Thos. W., <i>Econ. Ent.</i>	13
---	----

L'Islet, P. Q.

Lavoie, Raoul, <i>Gen. Ent.</i>	21
---------------------------------------	----

London, Ont.

Bethune, Rev. C. J., <i>S. Col., Lepid.</i>	3
Bock, H. P., <i>Lepid.</i>	4
Moffat, J. Alston, <i>Lepid.</i>	24
Rennie, R. W., <i>Lepid.</i>	28
Saunders, Henry S., <i>Lepid.</i>	30

Montreal.

Beandry, I. A. U., <i>Gen. Ent.</i>	3
Beaulien, Germain, <i>Col., Hem.</i>	3
Brainerd, Dwight, <i>Lepid.</i>	5
Chagnon, Gus., <i>Col., Dipt.</i>	6
Davis, Mark, <i>Lepid.</i>	9
Denny, Edw., <i>Col., Lepid.</i>	9
Gibb, L., <i>Lepid.</i>	13
Hutchings, S. C., <i>Lepid.</i>	18
Lyman, Henry H., <i>Lepid.</i>	22
Mercure, J. T., <i>Lepid.</i>	23
Norris, Arthur E., <i>Lepid.</i>	25
Onellet, C. J., <i>Gen. Ent.</i>	26
Stevenson, Chas., <i>Col., Hym., Econ.</i>	33
Williams, J. B., <i>Lepid.</i>	38

Nanaimo, B. C.

Taylor, Rev. G. W., *Econ. Ent.*.....33

Olds, Alberta.

Willing, T. N., *Lepid.*.....38

Orillia, Ont.

Grant, Chas. E., *Col., Lepid.*.....14

Ottawa, Ont.

Fletcher, James, *Econ. Ent.*.....12Gibson, Arthur, *Econ. Ent., Lep.*....13Guignard, J. A., *Econ. Ent., Hym.*....15Harrington, W. Hague, *Hym.*.....15MacLaughlin, T. J., *Odonata*.....22Simpson, Willibert, *Col.*.....31

Petit Brule, P. Q.

Oswald, W. A., *Gen. Ent.*.....26

Plattsville, Ont.

Ware, Thos., *Lepid.*.....36

Port Hope, Ont.

Metcalfe, Wm., *Lepid.*.....24Watson, A. H. R., *Col.*.....36

Powassan, Ont.

Porter, Dr. J. A., *Lepid.*.....27

Ravensworth, Ont.

Tyers, Chas. H., *Lepid.*.....35

Red Deer, Alberta.

Wenman, William, *Col., Lep.*.....37Wenman, William, Jr., *Col., Lep.*....37

Ridgeway, Ont.

Kilman, A. H., *Col., Lep.*.....19Zavitz, Edw. J., *Hym., Arach.*.....39

Rlgaud, P. Q.

Desrochers, J. E., *Col.*.....10

Rossland, B. C.

Danby, Wm. H., *Lep.*..... 9

Rounthwaite, Man.

Marmont, L. E., *Col., Lep.*.....22

Sherbrooke, P. Q.

Bégin, L' Abbe, P. A., *Econ., Lep.*... 3

Snelgrove, Ont.

White, James, *Gen. Ent.*.....37

St. Catharines, Ont.

Barrell, M., *Econ. Ent.*..... 6

Toronto Ont.

Brodie, Wm., *Gall Insects*..... 5Chipman, H. D., *Gen. Ent.*..... 7Cox, Daniel G., *Col., Lep.*..... 8Crew, R. J., *Col.*..... 8Grupe, A. E. H., *Lep.*.....15Hunter, Dr. A. J., *Parasites*.....18Priddey, T. G., *Lep.*.....28Rippon, E. V., *Col., Lep.*.....29Stewart, G. M., *Gen. Ent.*.....33Walker, E. M., *Orthop.*.....36Zavitz, Edw. J., *Hym. Arach.*.....39

Trenton, Ont.

Evans, John D., *Col., Lep., Hym.*....11

Victoria, B. C.

Palmer, R. M., *Econ. Ent.*.....26

Waghorn, Alberta.

Gregson, Percy B., *Lep.*.....14

Washington, Ont.

Wintemberg, W. J., *Col., Hem.*.....38

Wellington, B. C.

Kremers, Rev. H. A., *Lep.*.....20

Westmount, P. Q.

Winn, Albert F., *Lep.*.....38

Windsor, Ont.

Cody, W. S., *Lep.*..... 7

Winnipeg, Man.

Hanham, A. W., *Lep.*.....15

Woodstock, Ont.

Dickson, D. M., *Gen. Ent.*.....10Dunlop, Mary V., *Gen. Ent.*.....10Munro, W., *Col.*.....24Wilkinson, Mac., *Col. Lep.*.....38

COLORADO.

Denver.

Cannon, Geo. L., *Lep.*..... 6Horlacher, Wm., *Lep.*.....17Mason, J. T., *Lep.*.....22Oslar, E. J., *Col., Lep.*.....26Reed, Howard S., *Col., Lep.*.....28Smith, Horace G., *Gen. Ent.*.....32

Fort Collins.

Ball, E. D., *Homop.*..... 2Gillette, C. P., *Hymen*.....13Titus, E. S. G., *Hymen*.....34

Pueblo.

Nash, H. W., *Lep.*.....25**CONNECTICUT.**

Bridgeport.

Eames, Dr. E. H., *Gen. Ent.*.....11Moore, Isnae, F., Jr., *Dipt.*.....24Russell, Frank A., *Lepid.*.....29Russell, Harry, *Lep.*.....29

Elmwood.

Stadtmueller, F. H., *Gen. Ent.*.....32

Hartford.

Beach, Dr. C. C., *Gen. Ent.*.....3Carpenter, S. C., *Lep.*.....6Charles, J., *Lep.*.....7Crozet, Rev. C., *Col.*.....8Dunning, S. N., *Hymen.*.....11Ham, Oliver H., *Hymen.*.....15Parnelle, Geo. L., *Lep.*.....26Parnelle, Mrs. G. L., *Gen. Ent.*.....26Patton, Wm. H., *Hymen.*.....26Yergason, R. M., *Lepid.*.....39

Middletown.

Bel, Mrs. Alphonse, *Lep.*.....3Blakeslee, Miss Mary, *Lep.*.....4

New Britain.

Hulbert, E. M., *Lep.*.....18

New Haven.

Britton, W. E., *Col.*, *Lep.*.....5Foote, Dr. Harry W., *Lep.*.....12

Norwich.

Geduldig, E. W., *Gen. Ent.*.....13Holms, Frank W., *Lep.*.....17Lumsden, G. R., *Col.*.....22Moore, John, *Gen. Ent.*.....24Pearson, A. W., *Lep.*.....26

Ridgefield.

Couch, Edw. J., *Lep.*.....8

Rockville.

Kropf, Otto, *Lep.*.....20Raubold, Louis, *Lep.*.....28

Seymour.

Holbrook, B. W., *Lep.*.....17

Stamford.

Bigelow, Edw. F., *Gen. Ent.*.....3Howes, Chas. L., *Col.*, *Lep.*.....17

Stonington.

Fensch, Ernst, *Lep.*.....13

Torrington.

Davis, H. S., *Gen. Ent.*.....9

Torrington.

Abeling, H. H., *Col.*, *Lep.*.....1Dietz, Henry, *Lep.*.....10Hochstein, Robt., *Col.*, *Lep.*.....17Klein, J. T., *Col.*, *Lep.*.....20

Waterbury.

Bassett, H. F., *Gall Insects*.....2Woolley, H. S., *Lep.*.....39

West Haven.

Jackson, Fred. A., *Lep.*.....18**DELAWARE.**

Newark.

Powell, G. Harold, *Econ. Ent.*.....27Sanderson, E. D., *Col.*.....30

Wilmington.

Jones, Frank M., *Lep.*.....19**DISTRICT
OF COLUMBIA.**

Takomo Park.

Williams, Thos. A., *Homop.*.....38

Washington.

Ashmead, W. H., *Hym.*, *Hemip.*.....2Banks, Nathan, *Neurop.*, *Arach.*.....2Barber, H., *Col.*.....2Barber, H. S., *Col.*.....2Benton, Frank, *Hymen.*.....3Burden, Chas. E., *Col.*.....5Caudell, A. N., *Gen. Ent.*.....6Chapin, Frank E., *Lep.*.....7Chittenden, F. H., *Col.*, *Econ. Ent.*.....7Cook, O. F., *Myriap.*.....8Coquillett, D. W., *Dipt.*.....8Currie, Rolla P., *Neurop.*.....9Dyar, Harrison G., *Lep.*.....11Fox, Dr. W. H., *Arach.*.....12Hay, Robt. H., *Lep.*.....16Hay, W. P., *Col.*, *Lep.*.....16Heidemann, Otto, *Hemip.*.....16Hodgkins, H. G., *Arach.*.....17Howard, L. O., *Econ. Ent.*, *Hym.*.....17

Mann, B. Pickman, <i>Bibliog.</i>	22
Marlatt, C. L., <i>Hym., Coccidæ</i>	22
Matthes, F. E., <i>Coleop.</i>	23
Meehlin, O. A., <i>Lep.</i>	23
Morris, E. L., <i>Gen. Ent.</i>	24
Pollard, Chas. L., <i>Lep.</i>	27
Seddler, H. H., <i>Lep.</i>	30
Slaybough, G. E., <i>Col.</i>	31
Stiles, Dr. C. W., <i>Gen. Ent.</i>	33
Ulke, Henry, <i>Col.</i>	35
Webber, H. J., <i>Ecology.</i>	36
Weems, Rachel A. D., <i>Gen. Ent.</i>	36
Wilcox, E. V., <i>Histol., Gen. Ent.</i>	38
Works, Winfried F., <i>Orthop.</i>	39

FLORIDA.

Lake City.

Gossard, H. A., <i>Gen. Ent.</i>	14
--	----

Tallahassee.

Talley, T. W., <i>Lep., Econ Ent.</i>	33
---	----

GEORGIA.

Augusta.

Willet, N. L., <i>Gen. Ent.</i>	38
---------------------------------------	----

Atlanta.

Scott, W. M., <i>Coccidæ.</i>	30
Stearns, Winfrid A., <i>Lep.</i>	32

Brunswick.

Welton, Harry, <i>Lep., Hym.</i>	37
--	----

Dahlonega.

Gaillard, B. P., <i>Gen. Ent.</i>	13
---	----

Experiment.

Quaintance, A. L., <i>Econ. Ent., Hem.</i>	28
--	----

Griffin.

Weed, Howard E., <i>Econ. Ent.</i>	36
--	----

Nelson.

Sosebee, Lee, <i>Gen. Ent.</i>	32
--------------------------------------	----

Rome.

Schultz, W. H., <i>Hymen.</i>	30
-------------------------------------	----

IDAHO.

Moscow.

Aldrich, J. M., <i>Dipt.</i>	1
------------------------------------	---

Welser.

Foster, Richard, <i>Col.</i>	12
------------------------------------	----

ILLINOIS.

Algonquin.

Nason, Wm. A., <i>Hym., Dipt.</i>	25
---	----

Aurora.

Allen, Dr. Geo. F., <i>Arch.</i>	1
--	---

Belvidere.

Snyder, Arthur J., <i>Lep.</i>	32
Snyder, Mary D., <i>Lep.</i>	32
Walker, Geo. H., <i>Lep.</i>	36

Bloomington.

Van Leer, A. W., <i>Gen. Ent.</i>	35
Wolcott, Dr. A. B., <i>Col.</i>	38

Carlinville.

Robertson, Chas., <i>Hymen.</i>	29
---------------------------------------	----

Carbondale.

French, G. H., <i>Lep.</i>	13
----------------------------------	----

Centralla.

Davis, John J., <i>Gen. Ent.</i>	9
--	---

Champaign.

Brancher, R. W., <i>Econ. Ent.</i>	5
Woodworth, H. O., <i>Lep.</i>	39

Chicago.

Barker, Michael, <i>Gen. Ent.</i>	2
Barroll, H. E., <i>Dipt.</i>	2
Bebb, William, <i>Col.</i>	3
Beer, E. G. L., <i>Lep.</i>	3
Bolter, A., <i>Gen. Ent.</i>	4
Brues, Chas. T., <i>Hym., Dipt.</i>	5
Denslow, H. C., <i>Lep.</i>	9
Derr, H. B., <i>Gen. Ent.</i>	9
Draper, Edw. H., <i>Col.</i>	10
Eberhart, Dr. N. M., <i>Econ. Ent.</i>	11
Engl, Frank X., <i>Gen. Ent.</i>	11
Guion, L. P., <i>Gen. Ent.</i>	15
Hancock, Dr. J. L., <i>Orthop.</i>	15
Healy, John L., <i>Lep.</i>	16
Hibbard, H. V., <i>Col., Lep.</i>	16
Hills, Clarence T., <i>Lep.</i>	16
Johannsen, O. A., <i>Dipt.</i>	18
Kelsey, Camp, <i>Lep.</i>	19
Kopp, William, <i>Lep.</i>	20
Kurowski, Alfred, <i>Gen. Ent.</i>	20
Kwiat, Alex., <i>Lep.</i>	20
Logan, Stuart, <i>Gen. Ent.</i>	21
Mares, Adolf, <i>Lep.</i>	22
McDade, Jas. E., <i>Col., Odon.</i>	23

	PAGE
Melander, A. L., <i>Dipt.</i>	23
Neubarth, B., <i>Lep.</i>	25
Orbe, Arthur, <i>Gen. Ent.</i>	25
Presler, H. P., <i>Lep.</i>	27
Prokes, Frank, <i>Gen. Ent.</i>	28
Ramstadt, Henry, Jr., <i>Gen. Ent.</i>	28
Reading, Jos. H., <i>Gen. Ent.</i>	28
Sala, August, <i>Col., Lep.</i>	29
Schlieter, Carl, <i>Lep.</i>	30
Shulak, Prof. F. X., <i>Col.</i>	31
Test, Dr. Fred. C., <i>Econ. Ent.</i>	34
Thiess, J. E., <i>Lep.</i>	34
Thomsen, Arch. V., <i>Lep.</i>	34
Tough, James, <i>Lep., Odon.</i>	34
Troschel, Alfred, <i>Lep.</i>	35
Vollbrecht, Paul, <i>Lep.</i>	35
Walter, H. E., <i>Gen. Ent.</i>	36
Wildman, Edw., <i>Lep.</i>	38

Dallas City.

Tandy, M., <i>Col., Lep.</i>	33
------------------------------------	----

Decatur.

Barnes, Dr. Wm., <i>Lep.</i>	2
Coonradt, J. H., <i>Lep.</i>	8
Gastman, E. A., <i>Lep., Hym.</i>	13

East St. Louis.

Bodenburg, J. H., <i>Lep.</i>	4
-------------------------------------	---

Galena.

Bean, Thos. E., <i>Lep.</i>	3
-----------------------------------	---

Galesburg.

Standish, Dr. J. V. N., <i>Gen. Ent.</i>	32
--	----

Harvard.

Faust, Chas., <i>Col., Lep., Odon.</i>	11
--	----

Hinsdale.

Needham, F. M., <i>Col.</i>	25
-----------------------------------	----

Lake Forest.

Needham, J. G., <i>Col., Odon.</i>	25
--	----

Maywood.

Clarke, Ross, <i>Lep.</i>	7
Westcott, O. S., <i>Gen. Ent.</i>	37

Morgan Park.

Blackwelder, Eliot, <i>Col.</i>	4
---------------------------------------	---

Normal.

Wright, W. Hoyt, <i>Neurop.</i>	39
---------------------------------------	----

Oak Park.

Lougley, W. E., <i>Lep.</i>	21
Walker, C. L., <i>Col., Odon.</i>	35

Peoria.

Boettger, Fred., <i>Gen. Ent.</i>	4
---	---

Peru.

Aaron, William, <i>Col.</i>	1
-----------------------------------	---

Quincy.

Mueschen, Chas., <i>Lep.</i>	24
Musselman, Thos. E., <i>Lep.</i>	25
Poling, Otho C., <i>Lep.</i>	27

Rutland.

Goding, F. W., <i>Homop.</i>	14
------------------------------------	----

Terra Cotta.

Kuetsch, Robt., <i>Gen. Ent.</i>	20
--	----

Urbana.

Beach, Alice M., <i>Thripidae</i>	3
Forbes, S. A., <i>Ecology</i>	12
Green, E. C., <i>Econ. Ent.</i>	14

Wady Petra.

Chase, V. H., <i>Gen. Ent.</i>	7
--------------------------------------	---

INDIANA.

Amo.

Parker, Fred., <i>Col., Lep.</i>	26
--	----

Bluffton.

Dean, Chas. C., <i>Col., Lep., Orth.</i>	9
North, Howard W., <i>Odon.</i>	25
Williamson, E. B., <i>Odon.</i>	38

Crawfordsville.

Bodine, Dr. D., <i>Lep.</i>	4
-----------------------------------	---

Culver.

Eisenhard, G. B., <i>Gen. Ent.</i>	11
--	----

Elkhart.

Ludlow, J. H., <i>Col.</i>	22
Weith, Rudolph J., <i>Hymen.</i>	37

Greencastle.

Cook, Mel. T., <i>Arach.</i>	8
------------------------------------	---

Indianapolis.

Blatchley, W. S., <i>Orth., Hemip.</i>	4
Duden, Haus, <i>Econ. Ent.</i>	10
Kingsbury, J. G., <i>Econ. Ent.</i>	19
Mitchell, J. L., <i>Lep.</i>	24

	PAGE
LaFayette.	
Troop, James, <i>Lep., Hemip.</i>	35
Richmond.	
Tallant, W. N., <i>Lep.</i>	33
Ross.	
Gallagher, W. C., <i>Lep.</i>	13
Stilesville.	
Ryan, Everett R., <i>Gen. Ent.</i>	29
South Bend.	
Hubbard, Lucius, <i>Col., Lep.</i>	18
Tangier.	
Clickener, Chas., <i>Econ. Ent.</i>	7
Vevay.	
Danglade, E. M., <i>Col.</i>	9
IOWA.	
Ames.	
Barnes, P. T., <i>Gen. Ent.</i>	2
King, Charlotte M., <i>Hemip.</i>	19
Newell, Wilmon, <i>Homop.</i>	25
Summers, Henry E., <i>Hemip.</i>	33
Cedar Rapids.	
Brendel, Dr. E., <i>Col.</i>	5
Corydon.	
Carter, Chas., <i>Odon.</i>	6
Decorah.	
Goddard, F. R., <i>Lep.</i>	13
Hoeg, Dr. C., <i>Lep.</i>	17
Des Moines.	
Sheldon, Frank W., <i>Col.</i>	31
Grinnell.	
Hathaway, Jos. H., <i>Lep.</i>	16
Lackey, Geo. R., <i>Gen. Ent.</i>	20
Harlan.	
Childs, Edw. P., <i>Lep.</i>	7
Iowa City.	
Wickham, Henry F., <i>Col.</i>	37
Keokuk.	
Heiser, Rudolph, <i>Lep.</i>	16
Loewenstein, W. Jr., <i>Col., Lep.</i>	21
Keosauqua.	
Duckworth, A. S., <i>Col., Lep.</i>	10

	PAGE
Muscatine.	
Witter, F. M., <i>Lep.</i>	38
Sioux City.	
Anderson, A. J., <i>Gen. Ent.</i>	1
Toledo.	
Savage, Thos. E., <i>Gen. Ent.</i>	30
KANSAS.	
Baldwin.	
Bridwell, J. C., <i>Gen. Ent.</i>	5
Delphos.	
Scheffer, Theo. H., <i>Orth.</i>	30
Emporia.	
Wooster, L. C., <i>Econ. Ent.</i>	39
Galena.	
Crumb, Ebb., <i>Gen. Ent.</i>	8
Hays City.	
Johnson, W. E., <i>Col.</i>	19
Lawrence.	
Hunter, S. J., <i>Orth., Homop.</i>	18
Kahl, Hugo, <i>Dipt.</i>	19
Snow, F. H., <i>Lep.</i>	32
Weeks, Ella, <i>Hemip.</i>	36
Williston, Prof. S. W., <i>Dipt.</i>	38
Leonardville.	
Abell, Edw. J., <i>Gen. Ent.</i>	1
Manhattan.	
Dickens, Bertha K., <i>Homop.</i>	10
Marlatt, Fred. A., <i>Econ. Ent.</i>	22
Parrott, Percy J., <i>Coccidae</i>	26
McPherson.	
Knaus, Warren, <i>Col., Econ. Ent.</i>	20
Natoma.	
Brown, Benj., <i>Gen. Ent.</i>	5
Onaga.	
Crevecoeur, F. F., <i>Gen. Ent.</i>	8
Oswego.	
Newlon, W. S., <i>Gen. Ent.</i>	25
Topeka.	
Popenoe, Chas. H., <i>Col., Lep.</i>	27
Popenoe, E. A., <i>Col., Hemip.</i>	27

KENTUCKY.

PAGE

Lexington.Garman, H., *Econ. Ent., Hemip.*.....13**Louisville.**Houser, C. W., *Col.*.....17Troxler, C., Sr., *Lep.*.....35**LOUISIANA.****Baton Rouge.**Morgan, H. A., *Aptera*.....24**Covington.**Kopman, H. H., *Lep.*.....20**New Orleans.**Foster, Ed., *Hym., Odon.*.....12Reisig, Ang. C., *Col.*.....28Smith, J. C., *Odon.*.....12**MAINE.****Bangor.**Bram, Carl, *Gen. Ent.*.....5Eddy, Fred. A., *Col.*.....11Knight, Ora W., *Lep.*.....20Whitman, Chas. H., *Gen. Ent.*.....37**Belfast.**Dunton, Margaret A., *Lep.*.....11Fernald, John S., *Col.*.....12Howard, W. R., *Lep.*.....17Partridge, E. J., *Col.*.....26Partridge, Sue M., *Lep.*.....26Stoddard, A. O., *Lep.*.....33**Bethel.**Gehring, Dr. J. G., *Col.*.....13**Danville.**Plummer, W. H., *Lep.*.....27**East Orland.**Atkins, Chas. G., *Gen. Ent.*.....2**Freeport.**Stover, Oliver O., *Hemip.*.....33**Hallowell.**Wadsworth, Miss Mattie, *Odon.*.....35**Lewiston.**Pomeroy, Fred. E., *Gen. Ent.*.....27Stanton, J. Y., *Lepid.*.....32**Lincoln.**Clayton, John, *Lep.*.....7**Orono.**Harvey, F. L., *Econ. Ent., Odon.*.....15**Waldoboro.**Lovell, John H., *Ecology.*.....21**Waterville.**Dunbar, R. E., *Col., Lep.*.....10Hitchings, E. F., *Col., Lep.*.....17**MARYLAND.****Baltimore.**Hammel, W. C. A., *Col.*.....15Resler, Arthur, *Hym.*.....28Uhler, Philip R., *Hemip.*.....35**College Park.**Gould, H. P., *Econ. Ent.*.....14Johnson, W. G., *Econ. Ent.*.....19**Hagerstown.**Hawkins, H. B., *Lep.*.....16**Stockton.**Foulks, O. D., *Lepid.*.....12**MASSACHUSETTS.****Allston.**Raymond, Edw. W., *Col., Lep.*.....28**Amherst.**Fernald, C. H., *Lep.*.....12Fernald, H. T., *Hemip., Cocc.*.....12Hinds, Warren E., *Hemip.*.....17Hooker, Wm. A., *Dipt.*.....17Lull, R. S., *Gen. Ent., Cocc.*.....22Walker, Chas. M., *Col.*.....35**Arlington.**Frost, Harold L., *Econ. Ent.*.....13**Belchertown.**Mance, A. H., *Col., Lep.*.....22**Beverly.**Harris, Geo. H., *Lep.*.....15**Boston.**Bolster, Percy G., *Hymen.*.....4Chamberlain, C. W., *Lep.*.....6Cheney, Miss Ethel M., *Gen. Ent.*.....7

	PAGE		PAGE
Clark, Geo. O., <i>Lep.</i>	7	Fall River.	
Clarke, Miss Cora H., <i>Galls.</i>	7	Holt, Herbert, <i>Col., Lep.</i>	17
Emerton, J. H., <i>Arach.</i>	11	Groton.	
Field, D. G., <i>Lepid.</i>	12	Souther, Wm. N., <i>Lep.</i>	32
Field, Jas. A., <i>Lepid.</i>	12	Hanson.	
Hayward, Roland, <i>Col.</i>	16	Thomas, Dr. Flavel S., <i>Lep.</i>	34
Holbrook, F. A., <i>Gen. Ent.</i>	17	Haverhill.	
Kelsey, H. P., <i>Col., Lep.</i>	19	Bixby, Wm. E., <i>Gen. Ent.</i>	4
Lamb, Chas. W., <i>Lep.</i>	21	Hudson.	
Minot, Geo. R., <i>Lep.</i>	24	Herrick, J. H., <i>Lep.</i>	16
Newcomb, H. H., <i>Lep.</i>	25	Hyannis.	
Ormonde, Fred., <i>Col.</i>	25	Cory, Mrs. C. B., <i>Lep.</i>	8
Sharp, Dallas L., <i>Arach.</i>	31	Hyde Park.	
Sheriff, F. A., <i>Col.</i>	31	Hammatt, Mary L., <i>Gen. Ent.</i>	15
Stone, Seymour H., <i>Gen. Ent.</i>	33	Preston, Carleton E., <i>Gen. Ent.</i>	27
Thursson, Maude M., <i>Gen. Ent.</i>	34	Jamaica Plain.	
Valentine, H. E., <i>Gen. Ent.</i>	35	Bowditch, Harold, <i>Lep.</i>	4
Ware, Robt. A., <i>Gen. Ent.</i>	36	Jack, John G., <i>Econ. Ent.</i>	18
Weeks, A. G., Jr., <i>Lep.</i>	36	Low, Wm. F., <i>Lep.</i>	21
Bridgewater.		Lawrence.	
Cushman, J. A., <i>Col., Lep.</i>	9	King, Geo. B., <i>Hym., Cocc.</i>	19
Brookline.		Lowell.	
Bowditch, Fred. C., <i>Col.</i>	4	Judge, Fred. G., <i>Col., Lep.</i>	19
Soule, Caroline G., <i>Lep.</i>	32	Wheeler, R. L., <i>Col., Lep., Neur.</i>	37
Swan, Dr. Chas. W., <i>Col.</i>	33	Lynn.	
Cambridge.		Chatfield, A. F., <i>Lep.</i>	7
Adams, C. C., <i>Odon.</i>	1	Malden.	
Henshaw, Samuel, <i>Col.</i>	16	Burgess, A. F., <i>Col.</i>	6
Orne, John, <i>Col.</i>	25	Burr, Freeman F., <i>Col.</i>	6
Scudder, S. H., <i>Lep., Orth.</i>	31	Farbush, Edw. H., <i>Econ. Ent.</i>	12
Tower, Wm. L., <i>Anatomy.</i>	34	Kirtland, A. H., <i>Econ. Ent., Hemip.</i>	20
Thaxter, Roland, <i>Parasites</i>	34	Mason, Albert P., <i>Col., Lep.</i>	22
Whitney, Chas. F., <i>Lep.</i>	37	Mason, Chas. G., <i>Lep.</i>	22
Chicopee.		Mosher, F. H., <i>Col.</i>	24
Knab, Fred., <i>Col.</i>	20	Swett, Louis W., <i>Lep.</i>	33
Concord.		Mattapan.	
Tolman, Adams, <i>Gen. Ent.</i>	34	Vose, Miss Ellen T., <i>Lep.</i>	35
Dorchester.		Medford.	
Sanford, Arthur E., <i>Lep.</i>	30	Rogers, J. H., Jr., <i>Col., Lep.</i>	29
Whittredge, Harry G., <i>Lep.</i>	37	Melrose Highland.	
East Somerville.		Leighton, Margaret W., <i>Gen. Ent.</i>	21
Hood, L. E., <i>Col.</i>	17	Millbury.	
Everett.		Mills, Owen W., <i>Col., Lep.</i>	24
Crocker, Harry C., <i>Lep.</i>	8		
Washburn, P. C., <i>Col., Lep.</i>	36		

	PAGE
Milton.	
Field, W. J. W., <i>Lep.</i>	12
Zerrahn, C. Otto, <i>Lep.</i>	39
Natick.	
Smith, Edgar J., <i>Lep.</i>	32
Needham.	
Fuller, Mrs. C. E., <i>Gen. Ent.</i>	13
New Bedford.	
Burt, Henry P., <i>Gen. Ent.</i>	6
Eliot, Ida M., <i>Lep.</i>	11
Hough, Dr. G. de N., <i>Dipt.</i>	17
New Dorchester.	
Hall, Alfred P., <i>Lep.</i>	15
Smalley, Geo. A., <i>Lep.</i>	32
Newton.	
Read, Homer T., <i>Lep.</i>	28
Newtonville.	
Clark, Austin H., <i>Lep.</i>	7
Northampton.	
Wilder, H. H., <i>Anatomy.</i>	38
North Easton.	
Grey, Robt. M., <i>Lep.</i>	14
Pansy Park.	
Goodell, L. W., <i>Lep.</i>	14
Peabody.	
Cassino, Samuel E., <i>Hemip.</i>	6
Pittsfield.	
Schurr, Theo. A., <i>Gen. Ent.</i>	30
Readville.	
Sutermeister, Margaret, <i>Lep.</i>	33
Roxbury.	
Tanner, Wm. F., <i>Lep.</i>	33
Sherborn.	
Babcock, A. L., <i>Col., Lep.</i>	2
Hawes, Alfred, <i>Gen. Ent.</i>	16
Somerville.	
Anderson, M. C., <i>Lep.</i>	1
South Amherst.	
Goodale, Alfred S., <i>Odonata.</i>	14
South Braintree.	
Bates, Frank A., <i>Econ. Ent.</i>	3

	PAGE
South Boston.	
Clapp, E. B., <i>Lep.</i>	7
Willson, Walter J., <i>Lep.</i>	38
Springfield.	
Chase, Joseph E., <i>Lep.</i>	7
Dimmock, George, <i>Biology.</i>	10
Kirkham, Wm. B., <i>Hemip.</i>	20
Mattoon, Laura I., <i>Hemip.</i>	23
Stebbins, Fannie A., <i>Galls.</i>	33
Stoneham.	
Park, Dr. F. E., <i>Gen. Ent.</i>	26
Swampscott.	
Small, W. M., <i>Col.</i>	32
Topsfield.	
Frame, Mrs. E. M., <i>Lep.</i>	12
Tyngsboro.	
Blanchard, Fred., <i>Col.</i>	4
Wellesley.	
Denton, R. W., <i>Lep.</i>	9
Denton, S. W., <i>Lep.</i>	9
Denton, W. D., <i>Lep.</i>	9
Morse, Albert P., <i>Orth.</i>	24
Swartz, C. L., <i>Lep.</i>	33
Willcox, M. A., <i>Gen. Ent.</i>	38
Wellesley Hills.	
Wight, Alex. E., <i>Lep.</i>	38
Wellington.	
Mitchell, Harvey, <i>Lep.</i>	24
Westdale.	
Tower, Wm. L., <i>Anatomy.</i>	34
Westfield.	
Prince, Clarence K., <i>Lep.</i>	28
Skiff, Valentine F., <i>Lep.</i>	31
Wilson, Chas. B., <i>Aquatic.</i>	38
West Newton.	
Burrison, H. K., <i>Lep.</i>	6
Maynard, C. J., <i>Lep.</i>	23
Weymouth.	
Chamberlain, G. W., <i>Gen. Ent.</i>	6
Whitman.	
Bates, J. Elwyn, <i>Lep.</i>	3
Willmansett.	
Ufford, Eugene U., <i>Lep.</i>	35

	PAGE
Winchendon.	
Plummer, Fred. W., <i>Lep.</i>	27
Russell, Dr. F. W., <i>Lep.</i>	29
Sawyer, E. L., <i>Lep.</i>	30

Wollaston.	
Sprague, Frank H., <i>Gen. Ent.</i>	32

Woods Holl.	
Gray, Geo. M., <i>Gen. Ent.</i>	44

Worcester.	
Lawrence, Jos. I., <i>Lep.</i>	21

MEXICO.

San Juan Evangelista.	
Harvey, J. C., <i>Lep.</i>	15

Tacubaya, D. F.	
Barrett, O. W., <i>Gen. Ent.</i>	2

MICHIGAN.

Adrian.	
Allis, E. W., <i>Econ. Ent.</i>	1

Agricultural College.	
Pettit, Rufus H., <i>Coccidæ.</i>	27

Detroit.	
Newcomb, W. W., <i>Lep.</i>	25
Pryce, Charles, <i>Lep.</i>	28
Weir, Wm. W., <i>Col.</i>	37

Grand Rapids.	
Wolecott, Dr. R. H., <i>Col., Lep.</i>	38

Greenville.	
Barlow, Bronson, <i>Gen. Ent.</i>	2
Selous, Percy S., <i>Dipt.</i>	31

Homer.	
McArdle, R. H., <i>Gen. Ent.</i>	23

Hudson.	
Boies, A. H., <i>Gen. Ent.</i>	4

Kalamazoo.	
Clarke, Bates E., <i>Lep., Col.</i>	7

Muskegon.	
McLouth, C. D., <i>Gen. Ent.</i>	23

Petersburg.	
Trombley, Jerome, <i>Lep.</i>	35

Turner.	
Allen, James E., <i>Gen. Ent.</i>	1

MINNESOTA.

Camden Place.	
Patch, Edith M., <i>Lep.</i>	26

Collegeville.	
Erkens, Albert, <i>Gen. Ent.</i>	11

Minneapolis.	
Eustis, Henry W., <i>Lep.</i>	11
Oestlund, Prof. O. W., <i>Hom.</i>	25
Walston, M. Cragg, <i>Lep.</i>	36

Parkers Prairie.	
Nelson, Wilson E., <i>Gen. Ent.</i>	25

Rochester.	
Ainslie, Chas. N., <i>Gen. Ent.</i>	1

St. Anthony Park.	
Lugger, Otto, <i>Col.</i>	22

St. Paul.	
Osborn, Henry L., <i>Biology.</i>	26
Taylor, O. L., <i>Lepid.</i>	34
Townsend, John, <i>Col.</i>	34

St. Peter.	
Edquist, J. A., <i>Lep., Hym.</i>	11
Sandell, D. T., <i>Col.</i>	29
Sandell, M. N., <i>Gen. Ent.</i>	29

MISSISSIPPI.

Ocean Springs.	
Forkert, C., <i>Lep.</i>	12

Pachuta.	
Johnson, Law. C., <i>Gen., Econ. Ent.</i> ...	19

Vicksburg.	
Casey, Maj. Thos. L., <i>Col.</i>	6

MISSOURI.

Cadet.	
Barlow, Jos. G., <i>Gen. Ent.</i>	2

Clinton.	
Doran, Edwin W., <i>Econ. Ent.</i>	10

Columbia.	
Stedman, Prof. J. M., <i>Gen. Ent.</i>	33

Kansas City.	
Adams, C. F., <i>Orth.</i>	1
Callahan, Thos. F., <i>Gen. Ent.</i>	6
Hall, Dr. Frank J., <i>Lep.</i>	15

PAGE

Hare, Sid. J., <i>Econ. Ent.</i>	15
Mackenzie, G. P., <i>Col.</i>	22
Phillips, Edw. D., <i>Lep.</i>	27
Scammon, R. E., <i>Col., Lep.</i>	30

Kirksville.

Hart, Lawrence M., <i>Col.</i>	15
--------------------------------------	----

Kirkwood.

Murtfeldt, Miss Mary E., <i>Lep.</i>	25
--	----

Louisiana.

Dodge, E. A., <i>Lep.</i>	10
Dodge, G. M., <i>Lep.</i>	10
Rowley, R. R., <i>Lep.</i>	29

Mexico.

Scott, John W., <i>Gen. Ent.</i>	30
--	----

St. Charles.

Schafranck, Anton, <i>Col.</i>	30
--------------------------------------	----

St. Louis.

Baker, C. F., <i>Hym., Hem.</i>	2
Bock, Dr. Geo. W., <i>Col.</i>	4
Fischer, Eugene R., <i>Econ. Ent.</i>	12
Gerhard, Bernhard, <i>Col. Lep.</i>	13
Irish, H. C., <i>Gen. Ent.</i>	18
Monell, Jos. T., <i>Hom.</i>	24
Norton, J. B. S., <i>Econ. Ent.</i>	25
Rivet, A. R., <i>Col.</i>	29
Russell, Colton, <i>Lep.</i>	29
Schwarz, Ernst, <i>Lep.</i>	30
Schwarz, Hermann, <i>Lep.</i>	30
Wileox, Walter H., <i>Gen. Ent.</i>	38

MONTANA.

Bozeman.

Cooley, R. A., <i>Hemip.</i>	8
------------------------------------	---

Miles City.

Wiley, C. A., <i>Lep.</i>	38
---------------------------------	----

Missoula.

Elrod, M. J., <i>Neurop.</i>	11
------------------------------------	----

NEBRASKA.

Lincoln.

Bruner, Lawrence, <i>Orth.</i>	5
Hunter, W. D., <i>Dipt.</i>	18
Wolcott, Dr. R. H., <i>Col., Lep.</i>	38

NEVADA.

Reno.

Doten, Samuel B., <i>Econ. Ent.</i>	10
Hillman, Fred. H., <i>Econ. Ent.</i>	16

NEW HAMPSHIRE.

Claremont.

Foster, F. H., <i>Lep.</i>	12
----------------------------------	----

Durham.

Rane, Prof. F. W., <i>Gen., Econ. Ent.</i> ...	28
Weed, Clarence M., <i>Phalangidae.</i>	36

Hampton.

Shaw, S. Albert, <i>Lep.</i>	31
------------------------------------	----

Haverhill.

Locke, John D., <i>Col.</i>	21
-----------------------------------	----

Hinsdale.

Bailey, Edw. P., <i>Col.</i>	2
Metcalf, Mrs. R. H., <i>Col., Lep.</i>	23

Keene.

Wheelock, Geo. A., <i>Col.</i>	37
--------------------------------------	----

Manchester.

Burnham, E. J., <i>Odon.</i>	6
Burnham, Geo. E., <i>Lep.</i>	6
Davis, May W., <i>Odon.</i>	9
Graupner, Miss A. L., <i>Hym.</i>	14
Graupner, Miss H. C., <i>Hym.</i>	14
Huse, Wm. H., <i>Gen. Ent.</i>	18
Priest, Mrs. L. W., <i>Odon.</i>	28

Milford.

Melzer, Jas. P., <i>Lep.</i>	23
Whitney, C. P., <i>Dipt.</i>	37

Newport.

Bradley, Arthur C., <i>Gen. Ent.</i>	4
--	---

North Weare.

Osborne, Alfred, <i>Gen. Ent.</i>	26
---	----

Seabrook.

Eaton, Alvah A., <i>Lep.</i>	11
------------------------------------	----

Weare.

Herbert, W. S. B., <i>Col.</i>	16
--------------------------------------	----

Webster.

George, Maurice C., <i>Col.</i>	13
Goodhue, Chas. F., <i>Lep.</i>	14
Sawyer, Sarah E., <i>Gen. Ent.</i>	30

NEW JERSEY.		PAGE
Bogota.		
Thomas, Roy S., <i>Col.</i>	34	
Caldwell.		
Crane, M. S., <i>Gen. Ent.</i>	8	
Camden.		
Carney, J. P. R., <i>Lep., Econ. Ent.</i>	6	
East Orange.		
Beebe, C. Will, <i>Hem.</i>	3	
Smith, S. H., <i>Lep.</i>	32	
Thomas, Gordon, <i>Col.</i>	34	
Elizabeth.		
Buchholz, Otto, <i>Lep.</i>	5	
Kemp, S. T., <i>Lep.</i>	19	
Rontke, A., <i>Lep.</i>	29	
Hackensack.		
Speck, F. G., Jr., <i>Col., Lep.</i>	32	
Harrison.		
Leonhard, C., <i>Lep.</i>	21	
Hoboken.		
Blackburn, Chas. V., <i>Lep.</i>	4	
Hug, Herman, <i>Lep.</i>	18	
Jersey City.		
Kircher, George, <i>Lep.</i>	19	
Seib, S. H. M., <i>Lep.</i>	31	
Wormsbacher, H., <i>Lep.</i>	39	
Jersey City Heights.		
Rienecker, G. W., <i>Lep.</i>	29	
Madison.		
Paulmier, Fred. C., <i>Morphol.</i>	26	
Montclair.		
Gorman, W. C., <i>Lep.</i>	14	
Newark.		
Angelman, John B., <i>Lep.</i>	1	
Brehme, H. H., <i>Lep.</i>	5	
Broadnell, W. H., <i>Lep.</i>	5	
Dickerson, E. L., <i>Col., Lep.</i>	10	
Hampson, John J., <i>Lep.</i>	15	
Herpers, Henry, <i>Gen. Ent.</i>	15	
Löffler, Jacob, <i>Col.</i>	21	
Mintz, Fannie S., <i>Gen. Ent.</i>	24	
Weidt, A. J., <i>Lep.</i>	37	
New Brunswick.		
Smith, John B., <i>Lep.</i>	32	

Orange.		PAGE
Hopping, Roy, <i>Lep.</i>	17	
Smith, Theo. H., <i>Lep.</i>	32	
Palmyra.		
Luccareni, Geo. A., <i>Col.</i>	21	
Passaic.		
Sylvester, Mrs. I. W., <i>Col., Lep.</i>	33	
Woodworth, Mrs. A. M., <i>Col., Lep.</i> ...	39	
Paterson.		
Wainwright, R. D., <i>Lep.</i>	35	
Plainfield.		
Gilbert, Mrs. A., <i>Lep.</i>	13	
Herring, Mrs. H. B., <i>Lep.</i>	16	
Whitall, Chas. P., <i>Lep.</i>	37	
Roselle.		
Peck, Geo. W., <i>Lep.</i>	26	
Somerville.		
Phillips, E. E., <i>Econ. Ent.</i>	27	
South Orange.		
Martin, Noel B., <i>Lep.</i>	22	
Trenton.		
Apgar, Austin C., <i>Lep.</i>	2	
Vineland.		
Abbott, Miss Millie, <i>Lep.</i>	1	
Treat, Mary, <i>Gen. Ent.</i>	35	
NEW MEXICO.		
East Las Vegas.		
Perry, Elmer H., <i>Gen. Ent.</i>	27	
Las Cruces.		
Townsend, C. H. T., <i>Dipt., Cocc.</i>	34	
Mesilla Park.		
Cockerell, T. D. A., <i>Cocc., Hym.</i>	7	
Tinsley, John D., <i>Hem.</i>	34	
NEW YORK.		
Afton.		
Gibson, C. S., <i>Gen. Ent.</i>	13	
Albany.		
Arnold, B. W., <i>Lep.</i>	2	
Banks, Chas. S., <i>Hym., Dipt.</i>	2	
Boynton, Miss M. F., <i>Gen. Ent.</i>	4	
Cutler, E. A., <i>Lep.</i>	9	

	PAGE
Felt, E. Porter, <i>Econ. Ent.</i>	11
Gager, Chas. S., <i>Gen. Ent.</i>	13
Goodrich, Charlotte, <i>Gen. Ent.</i>	14
Love, Rev. A. L., <i>Col., Lep.</i>	21
Pollock, Horatio M., <i>Aptera</i>	27
Russell, Miss Clara M., <i>Gen. Ent.</i>	29
Shanks, Dr. S. G., <i>Gen. Ent.</i>	31
Tenney, Mrs. Ellen L., <i>Lep.</i>	34
Valentine, Clarence, <i>Lep.</i>	35

Albion.

Short, Ernest H., <i>Lep.</i>	31
-------------------------------------	----

Amsterdam.

French, Dr. S. H., <i>Lep.</i>	13
--------------------------------------	----

Andes.

Wilford, H. E., <i>Lep.</i>	38
-----------------------------------	----

Auburn.

Rathbun, F. R., <i>Gen., Econ. Ent.</i>	28
---	----

Binghamton.

Burlingham, Miss G., <i>Gen. Ent.</i>	6
Webster, Dr. C. E., <i>Lep.</i>	36
Whitney, E. R., <i>Lep.</i>	37

Brighton.

Peck, H. C., <i>Hem.</i>	26
--------------------------------	----

Brockport.

Bruce, David, <i>Lep.</i>	5
---------------------------------	---

Brooklyn.

Akhurst, John, <i>Col., Lep.</i>	1
Bechtold, P., <i>Lep.</i>	3
Becker, Edw., <i>Lep.</i>	3
Burger, Geo. E., <i>Col.</i>	5
Clark, Chas. U., <i>Col.</i>	7
Collins, Lewis, <i>Econ. Ent.</i>	7
Dean, John, <i>Gen. Ent.</i>	9
Doll, Jacob, <i>Lep.</i>	10
Dupree, W. B., <i>Col., Lep.</i>	11
Gerold, Joseph, <i>Col.</i>	13
Graef, Edw. L., <i>Lep.</i>	14
Havell, Geo. H., <i>Col., Lep.</i>	16
Hulst, Rev. G. D., <i>Lep.</i>	18
Jackson, W. S., <i>Lep.</i>	18
Kalbert, Jno. B., <i>Lep.</i>	19
Leeming, Joseph, <i>Col.</i>	21
Meeker, Dr. J. W., <i>Col., Lep.</i>	23
Meitzen, Julius, <i>Col.</i>	23

PAGE

Moorhead, R. D., Jr., <i>Lep.</i>	24
Nau, Balthasar, <i>Col., Lep.</i>	25
Pearsall, Rich. F., <i>Col., Lep.</i>	26
Pilsbury, Ernest H., <i>Col.</i>	27
Pough, F. H., <i>Lep.</i>	27
Rocker, George, <i>Lep.</i>	29
Steinbrecher, Dr. F., <i>Lep.</i>	33
Timm, Chas. F., <i>Lep.</i>	34
Timm, Clarence, <i>Lep.</i>	34
Weaver, Fred. W., <i>Col., Lep.</i>	36
Weeks, Wm. H., Jr., <i>Lep.</i>	36
Zabriskie, Rev. J. L., <i>Col., Hym.</i>	39

Buffalo.

Adams, M. F., <i>Econ. Ent.</i>	1
Dorr, S. H., <i>Col.</i>	10
Fischer, Philip, <i>Lep.</i>	12
Hildenbrandt, M., <i>Lep.</i>	16
Hillig, Fred. J., <i>Col.</i>	16
Moeser, Frank E., <i>Lep.</i>	24
Moeser, Wm. J., <i>Lep.</i>	24
Reinecke, Ottomar, <i>Col.</i>	28
Van Duzee, E. P., <i>Hem.</i>	35

Canton.

Knapp, A. H., <i>Lep.</i>	20
---------------------------------	----

Clyde.

Devereaux, W. L., <i>Col., Lep.</i>	10
---	----

Ellenville.

Young, Chester, <i>Hym.</i>	39
-----------------------------------	----

Elmira.

Beckwith, M. H., <i>Gen., Econ. Ent.</i>	3
---	---

Forest Home.

Sherman, F., Jr., <i>Gen., Econ. Ent.</i>	31
--	----

Geneva.

Lowe, Victor H., <i>Econ. Ent.</i>	21
--	----

Herkimer.

Lohrmann, Richard, <i>Col., Lep.</i>	21
--	----

Ithaca.

Comstock, J. H., <i>Lep., Cocc.</i>	8
Gifford, John, <i>Econ. Ent.</i>	13
MacGillivray, A. D., <i>Hym.</i>	22
Martin, Jas. O., <i>Gen. Ent.</i>	22
Mercer, W. F., <i>Lep.</i>	23
Miller, Mrs. M. R., <i>Gen. Ent.</i>	24

	PAGE
Murrill, W. A., <i>Lep.</i>	25
Riley, Wm. A., <i>Morphol.</i>	29
Rowler, W. W., <i>Hym.</i>	29
Simpson, C. B., <i>Lep., Dipt.</i>	31
Slingerland, M. V., <i>Econ. Ent.</i>	31
Surface, H. A., <i>Aquatic.</i>	33
Jamaica.	
Sirrine, F. A., <i>Homop.</i>	31
Walker, J. V. D., <i>Lep.</i>	36
Kast Bridge.	
Weeks, A. Eugene, <i>Gen. Ent.</i>	36
Keesville.	
Fletcher, A. G., <i>Lep.</i>	12
Kendall.	
Burnett, H. S., <i>Lep.</i>	6
Kings Bridge.	
Weeks, Auson H., <i>Col.</i>	36
Lestershire.	
Aylsworth, W. L., <i>Lep.</i>	2
Ellsworth, Addison, <i>Lep.</i>	11
Little Falls.	
Patterson, Clara E., <i>Col.</i>	26
Terry, Wm. G., <i>Lep.</i>	34
Vosburgh, J. H. H., <i>Col.</i>	35
Long Island City.	
Straub, Robert, <i>Gen. Ent.</i>	33
Loudonville.	
Westervelt, Anna, <i>Gen. Ent.</i>	37
Mohawk.	
Casler, Geo. E., <i>Econ. Ent.</i>	6
Hamblin, H. H., <i>Gen. Ent.</i>	15
Mt. Vision.	
Beals, Lynn S., <i>Lep.</i>	3
New Brighton.	
Davis, Wm. T., <i>Orthop.</i>	9
Newburgh.	
Morton, Emily L., <i>Lep.</i>	24
Mosher, C. H., <i>Col., Lep.</i>	24
Rogers, MacLeod, <i>Col., Lep.</i>	29
Newport.	
Young, Douglas B., <i>Col.</i>	39

	PAGE
New York City.	
Angus, James, <i>Gen. Ent.</i>	2
Baker, Dr. H. B., <i>Col.</i>	2
Barber, H. G., <i>Gen., Econ. Ent.</i>	2
Beutenmueller, W., <i>Gen. Ent.</i>	3
Bcyer, Gustav, <i>Col.</i>	3
Boone, C. L., <i>Lep.</i>	4
Browning, Therese D., <i>Lep.</i>	5
Budington, R. A., <i>Odon.</i>	5
Caldwell, Chas. H., <i>Lep.</i>	6
Caumann, Dr. D. M., <i>Gen. Ent.</i>	6
Clarkson, Frederick, <i>Gen. Ent.</i>	7
Clute, Willard N., <i>Lep.</i>	7
Comstock, W. P., <i>Col., Lep., Odon.</i>	8
Daniels, H. P., <i>Col.</i>	9
Dietz, Ottomar, <i>Col.</i>	10
Ditmars, R. L., <i>Econ. Ent.</i>	10
Draper, E. H., <i>Col.</i>	10
Erb, Herman J., <i>Lep.</i>	11
Field, Mrs. P. W., <i>Lep.</i>	12
Fillion, Francis, <i>Col.</i>	12
Graef, Jos. E., <i>Lep.</i>	14
Green, Fred. V., <i>Col.</i>	14
Griffiths, David, <i>Gen. Ent.</i>	14
Groth, C. F., <i>Gen. Ent.</i>	15
Hartmann, C. F., <i>Gen. Ent.</i>	15
Herzlich, H. L., <i>Col., Lep.</i>	16
Hopping, Roy, <i>Lep.</i>	17
Jelliffe, Dr. S. E., <i>Col.</i>	18
Joutel, Louis H., <i>Col., Lep.</i>	19
Kearfott, W. D., <i>Lep.</i>	19
Kraus, Jos. H., <i>Col., Lep.</i>	20
Kudlich, Dr. H. F., <i>Col.</i>	20
Lagai, Dr. Geo., <i>Col., Lep.</i>	20
Lee, Robert E., <i>Col.</i>	21
Leng, Chas. W., <i>Col.</i>	21
Love, E. G., <i>Gen. Ent.</i>	21
Luetgens, A., <i>Col.</i>	22
Mattes, Joseph, <i>Lep.</i>	23
Mertz, Mathias, <i>Lep.</i>	23
Mohns, Julius, <i>Lep.</i>	24
Muench, L. T., <i>Col.</i>	24
Ottolengui, R., <i>Lep.</i>	26
Palm, Charles, <i>Col., Lep.</i>	26
Riederer, Ludwig, <i>Anatomy.</i>	28
Roberts, Chris. H., <i>Col.</i>	29
Schaeffer, C., <i>Col.</i>	30
Schelpert, Dr. J. W., <i>Col., Lep.</i>	30
Seifert, Otto, <i>Lep.</i>	31

	PAGE
Seitz, John, <i>Lep</i>	31
Shannon, W. P., <i>Lep</i>	31
Sherman, John D., Jr., <i>Col</i>	31
Shoemaker, Ernest, <i>Lep</i>	31
Slosson, Mrs. A. T., <i>Lep</i>	31
Southwick, E. B., <i>Dipt., Hem</i>	32
Vosburgh, W. S., <i>Lep</i>	35
Watson, Frank E., <i>Lep</i>	36
Weeks, Arch. C., <i>Econ. Ent</i>	36
Wimmer, Ang. A., <i>Col., Lep</i>	38
Wood, Wm. C., <i>Col</i>	39
Wunder, Charles, <i>Lep</i>	39

North Syracuse.

Conway, Ernest F., <i>Lep</i>	8
-------------------------------------	---

Nyack.

Green, Fred. V., <i>Col</i>	14
Lander, Benj., <i>Gen. Ent</i>	21

Oneida.

Cramer, Norman L., <i>Hym</i>	8
-------------------------------------	---

Oneonta.

Alden, H. K., <i>Col., Lep</i>	1
Cleveland, Geo. F., <i>Lep</i>	7
Holdredge, L. I., <i>Lep</i>	17

Oswego.

Sheldon, Chas. S., <i>Hym</i>	31
-------------------------------------	----

Parish.

Cornell, Edwin, <i>Gen. Ent</i>	8
---------------------------------------	---

Plattsburgh.

Hudson, Geo. H., <i>Lep</i>	18
-----------------------------------	----

Poughkeepsie.

Arnold, Fred. S., <i>Col., Hym</i>	2
Pelton, Henry V., <i>Gen. Ent</i>	27

Potsdam.

Clarkson, Miss Annie, <i>Lep</i>	7
Houghton, C. O., <i>Col., Lep</i>	17

Prattsburgh.

St. John, Edward P., <i>Lep</i>	33
---------------------------------------	----

Richmond Hill, L. I.

Lagai, Dr. Geo., <i>Col., Lep</i>	20
---	----

Rochester.

Allis, Jas. W., <i>Col., Lep</i>	1
Baker, John W., <i>Lep</i>	2
Baxter, Florus R., <i>Gen. Ent</i>	3
Burke, John F., <i>Lep</i>	6
Duncan, Geo. T., <i>Gen. Ent</i>	10
Gilbert, H. R., <i>Lep</i>	13

	PAGE
Lane, R. E., <i>Lep</i>	21
Moore, Rich. M., <i>Col</i>	21
Smith, Dr. E. C., <i>Lep</i>	32
Sumner, Louise, <i>Lep</i>	33
Tente, Ferd, <i>Lep</i>	34

Rye.

Bird, Henry, <i>Lep</i>	3
Halsted, J. H., <i>Lep</i>	15

South Columbia.

Norris, Grace M., <i>Col., Lep</i>	25
--	----

St. Johnsville.

Vedder, Dr. C. C., <i>Lep</i>	35
Walrath, Seward, <i>Gen. Ent</i>	36

Stapleton.

Fulda, O., <i>Lep</i>	13
-----------------------------	----

Syracuse.

Dakin, J. A., <i>Lep</i>	9
Hargitt, Chas. W., <i>Habits</i>	15
Perrior, A. W., <i>Lep</i>	27
Worth, Wm. A., <i>Col</i>	39

Troy.

Lawton, Edw. P., <i>Gen. Ent</i>	21
McKay, Joseph, <i>Dipt</i>	23
Smith, Rev. J. A., <i>Col</i>	32

Watertown.

Adams, J. M., <i>Gen. Ent</i>	1
Meek, Adam, <i>Gen. Ent</i>	23

West Point.

Robinson, Lient. Wirt, <i>Lep</i>	29
---	----

Whitehall.

Howe, W. W., <i>Lep</i>	17
-------------------------------	----

Williams Bridge.

Wolf, Alois, <i>Lep</i>	39
-------------------------------	----

NORTH CAROLINA.

Chapel Hill.

Holmes, J. A., <i>Econ. Ent</i>	17
Wilson, Prof. H. V., <i>Gen. Ent</i>	38

Kawana.

Kelsey, H. P., <i>Col., Lep</i>	19
---------------------------------------	----

Magnetic City.

Wetherby, A. G., <i>Lep., Odon</i>	37
--	----

Raleigh.

Massey, W. F., <i>Econ. Ent</i>	22
McCarthy, Gerald, <i>Econ. Ent</i>	22

	PAGE		PAGE
West Raleigh.		Fremont.	
Hyams, Chas. W., <i>Col., Lep.</i>	18	Hayes, Seth, <i>Dipt.</i>	16
NORTH DAKOTA.		Granville.	
Fargo.		Tight, W. G., <i>Ecology.</i>	31
Osborn, Raymond, <i>Neurop.</i>	26	Herring.	
Grafton.		Sager, N., Jr., <i>Lep.</i>	29
McDonald, Rev. Dr., <i>Col., Lep.</i>	23	Kingsville.	
OHIO.		Keck, Rev. J. M., <i>Gen. Ent.</i>	19
Akron.		Leetonia.	
Brown, Jay E., <i>Lep.</i>	5	Medsker, G. E., <i>Gen. Ent.</i>	23
Myers, Ralph, <i>Gen. Ent.</i>	25	Wolfgang, H. G., <i>Econ. Ent.</i>	39
Todd, Dr. G. M., <i>Col.</i>	34	Mansfield.	
Ashland.		Wilkinson, Edward, <i>Col.</i>	38
Thoruburg, Thos. E., <i>Col., Lep.</i>	34	Newark.	
Cincinnati.		Metz, Walter C., <i>Lep.</i>	24
Dnry, Charles, <i>Gen. Ent.</i>	11	Van Voorhis, J. F., <i>Lep.</i>	35
Kuegemann, Edw. J., <i>Lep.</i>	20	New London.	
Thiel, Louis, <i>Lep.</i>	34	Masterman, Elmer E., <i>Gen. Ent.</i>	23
Cleveland.		North Baltimore.	
Bingham, Oliver P., <i>Lep.</i>	3	Wenner, Frank W., <i>Lep.</i>	37
Brown, P. E., <i>Lep.</i>	5	Oberlin.	
Bubna, M., <i>Col., Lep.</i>	5	Jones, Lynds, <i>Lep., Orth.</i>	19
Edwards, Edwin H., <i>Gen. Ent.</i>	11	Wright, Albert A., <i>Gen. Ent.</i>	39
Krueger, P. W., <i>Gen. Ent.</i>	20	Perry.	
Lander, C. H., <i>Lep.</i>	21	Tyler, Fred. J., <i>Lep.</i>	35
Seaton, Frances, <i>Gen. Ent.</i>	31	Saint Marys.	
Stenber, Wm., <i>Col., Lep.</i>	33	Wetzstein, Prof. Albert, <i>Gen. Ent.</i> ...	37
Woodruff, W. W., <i>Lep.</i>	39	Tiffin.	
Clyde.		Bomberger, Rev. J. H., <i>Col.</i>	4
Persing, M. J., <i>Gen. Ent.</i>	27	Ulrich, Lewis, <i>Lep.</i>	35
Wicks, A. H., <i>Col., Hym.</i>	38	Toledo.	
Collinwood.		Wernm, J. H., <i>Gen. Ent.</i>	37
Fowler, H. DeM., <i>Gen. Ent.</i>	12	Wapakoneta.	
Maxwell, A. W., <i>Col., Lep.</i>	23	Kayser, Wm., <i>Gen. Ent.</i>	19
Columbus.		Yarnell, James E., <i>Odon.</i>	39
Eddy, C. W., <i>Lep.</i>	11	Warren.	
Hine, J. S., <i>Dipt., Odon.</i>	17	Lipps, E. C., <i>Col., Lep.</i>	21
Osborn, Herbert, <i>Hem.</i>	26	Waynesburg.	
Dayton.		Hill, Rev. W. E., <i>Col., Lep.</i>	16
Foerste, Aug. F., <i>Ecology.</i>	12	Wooster.	
Pilate, G. R., <i>Lep.</i>	27	Ayres, Annie B., <i>Econ. Ent.</i>	2
East Liverpool.		Good, Albert L., <i>Lep.</i>	14
Hill, Wm. M., <i>Col.</i>	15	Mully, C. W., <i>Hym., Hem.</i>	22
Euclid.		Webster, F. M., <i>Col.</i>	36
Avery, Miss M. L., <i>Gen. Ent.</i>	2		

	PAGE
Yellow Springs.	
Folsom, Prof. J. W., <i>Gen. Ent.</i>	12
Youngstown.	
Stevens, Waldo W., <i>Gen. Ent.</i>	33

OKLAHOMA.

Batchelder.	
Bassler, Thomas, <i>Col.</i>	3
Stillwater.	
Bogue, E. E., <i>Coccidæ.</i>	4

OREGON.

Corvallis.	
Cordley, Arthur B., <i>Econ. Ent., Hom.</i> 8	
McElfresh, Fred M., <i>Econ. Ent., Hem.</i> 23	
Fort Klamath.	
Cunningham, B. L., <i>Lep.</i>	9
Portland.	
Canthorn, Emily, <i>Gen. Ent.</i>	6
Downs, S. U., <i>Econ. Ent.</i>	10

PENNSYLVANIA.

Allegheny.	
Wirtner, Rev. M., <i>Hem.</i>	38
Bainbridge.	
Brinser, H. S., <i>Col., Lep.</i>	5
Beatty.	
Kraus, Richard, <i>Hym.</i>	20
Schmidt, Rev. P. J., <i>Gen. Ent.</i>	30
Bethlehem.	
Caffrey, G. W., <i>Col.</i>	6
Conradi, Adolph, <i>Lep.</i>	8
King, Wilbur L., <i>Gen. Ent.</i>	19
Schwab, Nicholas, <i>Lep.</i>	30
Bismarck.	
Groh, D. F., <i>Lep.</i>	14
Leibig, J. E., <i>Lep.</i>	21
Boothwyn.	
McCartney, Eugene, <i>Lep.</i>	23
Bryn Mawr.	
Blake, Chas. A., <i>Lep.</i>	4
Henry, Taylor P., <i>Lep.</i>	16
Camp Hill.	
Jankins, D. S., <i>Lep.</i>	15
Carbondale.	
Roesiger, Carl, <i>Col., Lep.</i>	29

	PAGE
Crafton.	
Klages, Edw. A., <i>Col.</i>	20
Crothers.	
Van Dyke, H. L., <i>Lep.</i>	35
Devon.	
Paxson, Owen S., <i>Gen. Ent.</i>	26
Disston.	
Stauffer, W. S., <i>Col.</i>	32
Dyberry.	
Day, Theodore, <i>Econ. Ent.</i>	9
Elwyn.	
Welles, Chas. S., <i>Lep.</i>	37
Ephrata.	
Klinger, F. S., <i>Col., Hym.</i>	20
Miller, Levi J., <i>Col., Hem.</i>	24
Fleetwood.	
Scholl, G. D., <i>Col. Lep.</i>	30
Glenosborne.	
Prentice, W. J., <i>Col., Lep.</i>	27
Greenlane.	
Weber, Samuel E., <i>Psocidæ</i>	36
Greensburg.	
Cowan, Frank, <i>Habits.</i>	8
Lowe, Orton, <i>Lep.</i>	21
Harrisburg.	
MacCartney, B. F., <i>Gen. Ent.</i>	22
Haverford.	
Blonda, D. J., <i>Lep.</i>	4
Pratt, Henry S., <i>Embryol.</i>	27
Hazleton.	
Dietz, Dr. W. G., <i>Col.</i>	10
Jacobs Creek.	
Medsker, O. P., <i>Col., Lep.</i>	23
Jeannette.	
Klages, Henry G., <i>Col.</i>	20
Knechtel, Frank, <i>Col., Lep.</i>	20
Johnsonburg.	
Brevoort, Jno. B., <i>Col., Lep.</i>	5
Stutz, Richard, <i>Col.</i>	33
Keeneyville.	
Warren, Rev. J. C., <i>Col.</i>	36
Kingston.	
Thurston, C. O., <i>Col., Lep.</i>	34

	PAGE		PAGE
Kutztown.		Castle, Dr. D. M., <i>Col.</i>	6
Bordner, Geo. C., <i>Col., Lep.</i>	4	Cresson, E. T., <i>Hym.</i>	8
Gruber, C. L., <i>Gen. Ent.</i>	15	Cresson, Geo. B., <i>Hym.</i>	8
Lancaster.		Daecke, Erich., <i>Lep., Hym.</i>	9
Auxer, Samuel, <i>Col., Lep.</i>	2	Dunne, H. E., <i>Col., Lep.</i>	10
Cooper, Miss M. F., <i>Gen. Ent.</i>	8	Fox, Wm. J., <i>Hym.</i>	12
Hensel, Nellie E., <i>Gen. Ent.</i>	16	Freedley, W. G., Jr., <i>Lep.</i>	13
Schiedt, R. C., <i>Col., Econ. Ent.</i>	30	Gerhard, Wm. J., <i>Gen. Ent.</i>	13
Lansdowne.		Goldsmith, P. H., <i>Col., Lep.</i>	14
Conard, Henry S., <i>Orth.</i>	8	Greene, Chas. T., <i>Dipt.</i>	14
Pennock, A. J., <i>Gen. Ent.</i>	27	Greene, George, <i>Col.</i>	14
Simkins, Eugene S., <i>Lep.</i>	31	Hainbach, Frank, <i>Lep.</i>	15
Woolman, Anna, <i>Lep.</i>	39	Harkness, Miss F. A., <i>Lep.</i>	15
Lickdale.		Hornig, Herman, <i>Col., Lep.</i>	17
Bohn, J. T., <i>Gen. Ent.</i>	4	Hoyer, Albert, <i>Col.</i>	17
Lime Rock.		Hoyer, Frank, <i>Col.</i>	18
Reist, Nathan E., <i>Col., Lep.</i>	28	Huntington, W. S., <i>Col., Lep.</i>	18
Linwood.		Hg, Charles, <i>Lep.</i>	18
Rhyder, C. M., <i>Gen. Ent.</i>	28	Johnson, Chas. W., <i>Dipt.</i>	18
Lititz.		Johnson, James S., <i>Lep.</i>	18
Heiserman, J. J., <i>Lep.</i>	16	Laurent, Philip, <i>Col., Lep.</i>	21
Kautz, E. E., <i>Lep.</i>	19	Liebeck, Charles, <i>Col.</i>	21
Meadville.		Mason, Frank R., <i>Col.</i>	22
Barnaby, Miss L. F., <i>Gen. Ent.</i>	2	McCook, Rev. H. C., <i>Hym., Arach.</i>	23
Millersville.		Neill, Philip, <i>Lep., Hem.</i>	25
Bitner, H. F., <i>Col., Lep.</i>	4	Reeve, Margaret M., <i>Lep.</i>	28
Roddy, H. J., <i>Col., Arach.</i>	29	Rehn, Jas. A. G., <i>Orth.</i>	28
Mummasburg.		Reif, Robert, <i>Lep.</i>	28
Jacobs, D. C., <i>Gen. Ent.</i>	18	Reinick, Wm. R., <i>Col.</i>	28
Neffsville.		Satterthwait, A. F., <i>Hem., Econ. Ent.</i>	30
Freed, H. E., <i>Gen. Ent.</i>	13	Schmidt, August, <i>Col.</i>	30
New Brighton.		Schmitz, Theo. H., <i>Col.</i>	30
Merriek, H. D., <i>Lep.</i>	23	Seiss, C. Few, <i>Orth.</i>	31
Oak Station.		Skinner, Dr. Henry, <i>Gen. Ent.</i>	31
Friday, F. W., <i>Lep.</i>	13	Smith, Benj. H., <i>Col.</i>	32
Marloff, Fred., <i>Lep.</i>	22	Snyder, Howard A., <i>Hym.</i>	32
Philadelphia.		Syckelmore, Wm. H., <i>Lep.</i>	33
Aaron, Mrs. C. B., <i>Hym., Dipt.</i>	1	Taylor, Robt. T., <i>Lep.</i>	34
Aaron, S. Frank, <i>Gen. Ent.</i>	1	Thomas, Lancaster, <i>Lep.</i>	34
Anderson, Miss M. L., <i>Lep.</i>	1	Van Atter, W. M., <i>Gen. Ent.</i>	35
Boerner, Chas. R., <i>Col.</i>	4	Viereck, Henry L., <i>Hym.</i>	35
Bradley, J. Chester, <i>Col.</i>	4	Weaver, Alice R., <i>Lep.</i>	36
Bringham, Wm., <i>Gen. Ent.</i>	5	Weaver, G. E. H., <i>Col., Lep.</i>	36
Calvert, Philip P., <i>Odon.</i>	6	Weber, Chas. F., <i>Col., Lep.</i>	36
		Wenzel, Edward, <i>Col.</i>	37
		Wenzel, Harry A., <i>Col.</i>	37
		Wenzel, Henry W., <i>Col.</i>	37
		West, John H., <i>Lep.</i>	37
		Williamson, C. S., <i>Col.</i>	38

PAGE

Pittsburgh.

Bright, John, <i>Col., Lep.</i>	5
Daggette, Clair, <i>Col.</i>	9
Dickson, Robert, <i>Lep.</i>	10
Ehrmann, Emil C., <i>Col.</i>	11
Ehrmann, Geo. A., <i>Lep.</i>	11
Engel, Henry, <i>Col., Lep.</i>	11
Foerster, Robt. F., <i>Col.</i>	12
Frost, Ellis M., <i>Col.</i>	13
Graf, J. L., <i>Lep.</i>	14
Holland, Rev. W. J., <i>Lep.</i>	17
Krautwurm, B., <i>Lep.</i>	20
Krautwurm, Geo., <i>Lep.</i>	20
Lacock, Frank, <i>Gen. Ent.</i>	22
Smith, Herbert H., <i>Gen. Ent.</i>	32

Quakertown.

Thomas, Dr. Joseph, <i>Gen. Ent.</i>	34
--	----

Reading.

Beecher, Wm. L., <i>Lep.</i>	3
Boyer, Howard M., <i>Lep.</i>	4
Cassel, Amos M., <i>Lep.</i>	6
Gehret, George, <i>Lep.</i>	13
Mengel, Levi W., <i>Lep.</i>	23
Schaeffer, Rev. C. E., <i>Lep.</i>	30
Schweigert, C. F., <i>Lep.</i>	30
Streecker, Herman, <i>Lep.</i>	33

Rutledge.

Westcott, Chas. S., <i>Lep.</i>	37
---------------------------------------	----

Scranton.

Lister, Alfred E., <i>Col., Lep.</i>	21
Stratton, Randolph M., <i>Lep.</i>	33

Sewickley.

Glaser, Louis A., <i>Lep.</i>	13
-------------------------------------	----

Shenango.

Beaver, H. P., <i>Lep.</i>	3
----------------------------------	---

Silver Spring.

Nolt, Ezra J., <i>Col., Lep.</i>	25
--	----

State College.

Buckhout, W. A., <i>Econ. Ent.</i>	5
--	---

Strasburg.

Esbenshade, W. C., <i>Lep.</i>	11
--------------------------------------	----

Sunbury.

Fisher, D. C., <i>Col.</i>	12
Heim, C. D., <i>Lep.</i>	16
Slear, Reno, <i>Col.</i>	31
Stroh, Miss H., <i>Odon.</i>	33

Tunkhannock.

Ross, Harry, <i>Gen. Ent.</i>	29
Wilbur, Fred. H., <i>Gen. Ent.</i>	38

Twin Oaks.

Harvey, Thos. W., <i>Gen. Ent.</i>	16
--	----

Westtown.

Dellaven, Sarah C., <i>Lep.</i>	9
---------------------------------------	---

Williamsport.

Geddes, John M., <i>Col., Lep.</i>	13
Hill, H. Russell, <i>Col.</i>	16
Pepperman, A. L., <i>Lep.</i>	27
Transeau, Edgar N., <i>Col., Lep.</i>	31

Wilmerding.

Zahrobsky, V. J., <i>Col., Lep.</i>	39
---	----

York.

Holland, J. L., <i>Col.</i>	17
Miller, George, <i>Lep.</i>	24
Ziegler, S. W., <i>Col., Lep.</i>	39

PORTO RICO.**Bayamon.**

Junghans, R. L., <i>Hym.</i>	19
------------------------------------	----

RHODE ISLAND.**Lonsdale.**

Dearden, Wm., <i>Lep.</i>	9
---------------------------------	---

Providence.

Bailey, Whitman, <i>Lep.</i>	2
Barrett, S. D., <i>Lep.</i>	2
Bridgham, Jos., <i>Col., Lep.</i>	5
Calder, Edwin E., <i>Col.</i>	6
Davis, C. A., <i>Col.</i>	9
Davis, Harvey N., <i>Col.</i>	9
Gorham, Fred. P., <i>Col., Hym.</i>	14
Keith, Edw. D., <i>Lep.</i>	19
Noek, Bertram, <i>Col.</i>	25
Packard, A. S., <i>Lep.</i>	26
Pope, T. E. B., <i>Lep.</i>	27
Southwick, J. M., <i>Col., Lep.</i>	32

Pawtucket.

Bowen, Edw. S., <i>Gen. Ent.</i>	4
--	---

SOUTH CAROLINA.**Clemson College.**

Rolfs, P. H., <i>Cocc.</i>	29
----------------------------------	----

Orangeburg.

Ingersoll, B. E., <i>Col.</i>	18
-------------------------------------	----

SOUTH DAKOTA.**Volga.**

Truman, Hon. P. C., <i>Col., Lep.</i>	35
---	----

TENNESSEE.**Elmwood.**

Jellicorse, John, <i>Lep.</i>	18
Jellicorse, R., <i>Lep.</i>	18

	PAGE
Knoxville.	
Chambliss, Chas. E., <i>Gen. Ent.</i>	7
Nashville.	
Cisco, J. G., <i>Lep.</i>	7
Osburn, Wm., <i>Col., Lep., Dipt.</i>	26

TEXAS.

Austin.	
Wheeler, Wm. M., <i>Gen. Ent.</i>	37
Black Jack Springs.	
Romberg, B. W., <i>Col., Lep.</i>	29
Brenham.	
Tristram, Joseph, <i>Lep.</i>	35
Brunner.	
Westgate, Wm. W., <i>Col., Lep.</i>	37
College Station.	
Mally, Fred. W., <i>Hym.</i>	22
Price, R. H., <i>Econ. Ent.</i>	28
Fedor.	
Birkman, G., <i>Hym.</i>	4
Forney.	
Lewis, E. C., <i>Col.</i>	21
Shovel Mount.	
Schaupp, F. G., <i>Gen. Ent.</i>	30

UTAH.

Salt Lake City.	
Browning, G. Wesley, <i>Gen. Ent.</i>	5
Jones, Marcus E., <i>Gen. Ent.</i>	19
Sugden, J. W., <i>Gen. Ent.</i>	33

VERMONT.

Burlington.	
Perkins, Geo. H., <i>Econ. Ent.</i>	27
Essex Junction.	
Griffin, D. B., <i>Col., Econ. Ent.</i>	14
Hartland Four Corners.	
Ruggles, Byron P., <i>Econ. Ent.</i>	29
Windsor.	
Underwood, Jay G., <i>Lep.</i>	35
Woodstock.	
Jewett, F. R., <i>Gen. Ent.</i>	18

VIRGINIA.

Blacksburg.	
Alwood, Wm. B., <i>Econ. Ent.</i>	1
Phillips, J. L., <i>Econ. Ent., Cocc.</i>	27
Smyth, E. A., Jr., <i>Lep.</i>	32
East End.	
Banks, Nathan, <i>Arach., Neurop.</i>	2

Fredericksburg.	
Richardson, W. D., <i>Col.</i>	28
Spottsville.	
Jones, B. W., <i>Gen. Ent.</i>	19

WASHINGTON.

Pullman.	
Doane, R. W., <i>Dipt.</i>	10
Piper, Chas. V., <i>Col.</i>	27
Seattle.	
Bethel, Sylvester, <i>Gen. Ent.</i>	3
Johnson, O. B., <i>Gen. Ent.</i>	19
Kincaid, Trevor, <i>Gen. Ent.</i>	19

WEST VIRGINIA.

Coalburgh.	
Edwards, Wm. H., <i>Lep.</i>	11
Morgantown.	
Hopkins, A. D., <i>Col.</i>	17
Rumsey, W. E., <i>Gen. Ent.</i>	29
Winecoff, Rev. Thos. E., <i>Lep.</i>	38

WISCONSIN.

Beaver Dam.	
Snyder, W. E., <i>Col., Hym.</i>	32
Chippewa Falls.	
Howieson, C. H., <i>Lep.</i>	17
Green Bay.	
Parkes, W. J., <i>Col., Lep.</i>	26
Madison.	
Goff, Emmett S., <i>Econ. Ent.</i>	14
Marshall, W. S., <i>Col.</i>	22
Milwaukee.	
Brown, Chas. E., <i>Col., Econ. Ent.</i>	5
Dernehl, P. H., <i>Col., Lep.</i>	9
Graenicher, Dr. S., <i>Hym., Dipt.</i>	14
Peckham, Geo. W., <i>Hym., Arach.</i> ...	27
Schaefer, E. J., <i>Col., Lep., Hym.</i>	30
Van Roo, Martin, <i>Gen. Ent.</i>	35
West Superior.	
Conrad, A. H., <i>Col.</i>	8
Harvey, N. A., <i>Dipt.</i>	16

WYOMING.

Cheyenne.	
Niswander, F. J., <i>Col.</i>	25
Douglas.	
Jesurun, Dr. M., <i>Col., Hym.</i>	18
Laramie.	
Buffum, B. C., <i>Col.</i>	5

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THE AMERICAN ENTOMOLOGICAL SOCIETY
AND THE
ENTOMOLOGICAL SECTION
OF THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.

On February 14, 1859, Ezra T. Cresson, James Ridings and George Newman issued a call for the organization of an entomological society. February 22, 1859, the Society was organized with the following members: Dr. Thomas B. Wilson, Dr. John L. LeConte, James Ridings, George Newman, T. B. Ashton, J. W. McAllister, E. T. Cresson, Henry Feldman, George Hill, Charles Wilt, John Pearsall, William Evett, J. H. B. Bland, John Meichel, Robert Jack, W. S. Wood, Thomas Cox, William Wolter, Chas. J. Wood, Louis Schneider and S. H. Shinn.

The first officers were John L. LeConte, *President*; James Ridings, *Vice-President*; E. T. Cresson, *Secretary*; Charles Wilt, *Treasurer*. The first new member elected was Henry Ulke, and the first correspondent was Baron R. Osten Sacken.

The name at this time was "The Entomological Society of Philadelphia," and the Society was incorporated under this title, according to the laws of the State of Pennsylvania, April 11, 1862. February 23, 1867, the name was changed to that of "The American Entomological Society."

On the 17th of December, 1875, the Society entered into an agreement with The Academy of Natural Sciences of Philadelphia by which it occupied quarters in the Academy. In 1895 this agreement was modified, and as modified is in force at the present time. Under its terms no person shall be eligible for membership in this Society who is not already a member of The Academy of Natural Sciences of Philadelphia. The initiation fee of the Academy is ten dollars and the annual dues ten dollars.

The Entomological Section of the Academy is a distinct organization from The American Entomological Society, and was organized May 12, 1876, with the following officers: *Director*, John L. LeConte, M. D.; *Vice-Director*, George H. Horn, M. D.; *Recorder*, James H. Ridings; *Treasurer*, E. T. Cresson; *Secretary*, Charles A. Blake; *Conservator*, James Ridings. The dues to the Entomological Section of the Academy are two dollars per annum. Associates may be elected to the Section. They have all the privileges of members, except that of voting. The dues for Associates are one dollar a year.

These data in regard to the relations between The Academy of Natural

Sciences of Philadelphia, The American Entomological Society and The Entomological Section of the Academy are in reply to numerous queries for information in regard to the terms of membership in the individual societies. It will be noted that there are no dues for The American Entomological Society, but one must be a member of the Academy and pay its dues before being eligible.

The present officers of The American Entomological Society are: *President*, Philip P. Calvert, Ph. D.; *Vice-President*, H. W. Wenzel; *Treasurer*, Ezra T. Cresson; *Recording Secretary*, Henry Skinner, M. D.; *Corresponding Secretary*, W. J. Fox; *Curator*, Henry Skinner, M. D.; *Librarian*, W. J. Fox; *Publication Committee*, Ezra T. Cresson, C. Few Seiss and B. H. Smith; *Executive Committee*, Philip Laurent, Chas. Liebeck and H. W. Wenzel; *Finance Committee*, James W. McAllister, C. S. Welles and C. C. Cresson.

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The library of The American Entomological Society contains (October, 1898) 2864 volumes, including 111 volumes of pamphlets averaging fifteen titles to a volume. The various departments are represented as follows: Journals, 1436; Coleoptera, 389; General Entomology, 341; Lepidoptera, 214; Economic Entomology, 122; Hymenoptera, 101; Diptera, 86; Hemiptera, 49; Orthoptera, 40; Neuroptera, 25; Miscellaneous, 61. This represents an increase of nearly 100 per cent since 1888, when the total number of volumes was 1445. In the library of The Academy of Natural Sciences of Philadelphia there are 1221 volumes, exclusive of journals, and 1188 pamphlets, devoted entirely to Entomology. The pamphlets form 77 additional volumes. While the works of our library are partially duplicated by the other, it is safe to say that the foremost collection of Entomological works in America is to be found in the building of The Academy of Natural Sciences of Philadelphia, where both libraries are situated.

The collections of insects are large and valuable; they contain many type specimens and represent the labor of a number of the older workers in this branch of natural science. In the Hymenoptera will be found almost all the types of Mr. E. T. Cresson and many of those of Mr. W. J. Fox and other systematists in this order. The valuable collection of Coleoptera was supplemented by the large amount of material collected by the late Charles Wilt. Bland's types are also in this collection. The Horn collection, bequeathed by the late Dr. George H. Horn, represents his life work and contains practically all his types. At the time of his death he was the leader in this branch of entomology in America. It is safe to say that the finest collection of Odonata in America is also here and represents the large amount of work done in this order by Dr. P. P.

Calvert. The collection of Lepidoptera is very large and contains many of the types of Grote, as well as some of those of Blake, Mengel, Skinner and others. In the collection of Diptera are many types of the older writers, as well as the later ones. There are also valuable collections of the other orders. The magnificent collection of exotic Lepidoptera made by the late I. C. Martindale, and now the property of the Academy, is also here. The large collection of exotic Coleoptera has lately been greatly augmented by the material purchased from the heirs of the late Dr. H. G. Griffith.

Students of Entomology are always cordially welcome to visit the Academy and consult our libraries and collections, and we will gladly furnish any information in our power to aid beginners and others.

ENTOMOLOGICAL NEWS, published by the joint Publication Committees of The American Entomological Society and The Entomological Section of The Academy of Natural Sciences of Philadelphia, is an illustrated monthly magazine devoted to the study of insect life. It contains a resumé of the literature of the world treating of American insects, and also articles by the leading Entomologists of the United States and Canada. There is a department devoted to Economic Entomology, edited by Prof. John B. Smith, Sc.D.; a free Exchange Column and a department for the identification of insects for subscribers. In this Journal will be found valuable information for the beginner, the collector, the economic entomologist and the systematist; Volume XI is now publishing. The subscription price is One Dollar a year in advance. Sample copies 12 cents.

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To aid the student in the selection of papers on Coleoptera, Hymenoptera and Lepidoptera, the following index is given:—"gen." (genera), or "sp." (species) after a name indicates that keys or tables of characters are given in the papers, whereby the genera or species can be easily identified. The same may be said of "Monog." (Monograph), "Synop." (Synopsis), "Revis." (Revision), etc., where keys or tables of genera and species are also to be found in the papers so indicated.

INDEX.

COLEOPTERA.

(See list on page 73).

<i>Acanthociai</i> gen. See Leng	No. 478
<i>Acanthocinini</i> , Horn.	38
<i>Acanthocinus</i> sp. Horn.	38
<i>Acanthocinus</i> sp. Leag.	478
<i>Acanthoderes</i> sp. Horn.	38
<i>Acanthoderes</i> sp. Leng	478
<i>Acanthoderini</i> gen. Leng.	478
<i>Acmaeodera</i> sp. Horn.	32
<i>Æthecerus</i> sp. Horn.	38
<i>Agrilus</i> sp. Crotch.	7
<i>Agrilus</i> sp. Horn.	404
<i>Agriotes</i> sp. Horn.	70
<i>Amara</i> sp. Horn.	28, 405
<i>Amblychila</i> , Horn.	474, 498
<i>Amphicoma</i> sp. Horn.	42
<i>Anatrichis</i> sp. Horn.	366
<i>Anillus</i> sp. Horn.	365
<i>Anisodactylus</i> sp. Horn.	28, 37
<i>Anomala</i> sp. Horn.	45
<i>Anopthalmus</i> sp. Horn.	43
<i>Anthrenini</i> Revis. Dietz.	403
<i>Aphodii</i> Monog. Horn.	330
<i>Apion</i> sp. Fall.	494
<i>Apionæ</i> Synop. Smith.	80
<i>Aplastus</i> sp. Horn.	27, 40
<i>Aneochizus</i> , Horn.	332
<i>Asaphes</i> sp. Horn.	38
<i>Bembidii</i> (blind) Ehlers.	12
<i>Bembidium</i> sp. Hayward.	469
<i>Blethisa</i> sp. Horn.	30
<i>Bostrichidæ</i> Revis. Horn.	35
<i>Brentidæ</i> Revis. Horn.	25
<i>Bruchidæ</i> Revis. Horn.	26

<i>Buprestidæ</i> , Crotch.	No. 7
<i>Buprestidæ</i> , Horn.	32, 328, 404
<i>Buprestidæ</i> Revis. Horn.	42
<i>Calospasta</i> sp. Horn.	32, 473
<i>Cantharis</i> sp. Horn.	43
<i>Canthon</i> sp. Blanchard.	1
<i>Carabidæ</i> gen. Horn.	41
<i>Carabidæ</i> , Hayward.	469
<i>Carabidæ</i> , Horn.	30, 33, 37, 43 405
<i>Carabidæ</i> , LeConte.	59
<i>Carabus</i> sp. Horn.	30
<i>Cardiophorus</i> sp. Blanchard.	358
<i>Cassidides</i> gen. Crotch.	7
<i>Cebrio</i> sp. Horn.	40
<i>Cebrioidæ</i> , gen. Horn.	40
<i>Cerambycidæ</i> , Gahan.	362
<i>Cerambycidæ</i> , Horn.	32, 38, 49
<i>Cerambycidæ</i> Synop. Leng	478
<i>Ceroaphidæ</i> Monog. Horn.	327
<i>Ceutorhynchini</i> Revis. Dietz.	468
<i>Chanopteris</i> , Horn.	500
<i>Charistena</i> sp. Horn.	43
<i>Chanliognathus</i> sp. Crotch.	9
<i>Chlenius</i> sp. Horn.	30
<i>Chrysobothris</i> Monog. Horn.	328
<i>Chrysomelus</i> sp. Horn.	48
<i>Chrysomela</i> sp. Crotch.	7
<i>Chrysomela</i> , Horn.	503
<i>Chrysomelidæ</i> , Crotch.	7
<i>Chrysomelidæ</i> , Horn 43, 322, 405, 406, 407	
<i>Chrysomelidæ</i> , Jacoby	367
<i>Chrysomelidæ</i> , Leng.	392
<i>Cicadellidæ</i> , Horn.	30, 32
<i>Clavigeridæ</i> , LeConte.	54
<i>Cleridæ</i> gen. Horn	38
<i>Coccinellidæ</i> , Horn.	440

- Cænonychia* sp. *Horn*.....No. 29
Coleoptera, new, Casey.....319
Coleoptera, new, *Horn*...25, 27, 30, 32,
 38, 42, 43, 48, 365, 366, 405, 407, 496.
Coleoptera, new, *LeConte*.....70
Coleoptera, Alaska, *Hamilton*.....435
Coleoptera S. W. Penna., *Hamilton*...437
Coleoptera, Pac. Coast, *Crotch*.....9
Coleoptera common to N. Am., Asia
 and Europe, *Hamilton*...321, 436
Coleoptera, Baga Calif., *Horn*..439, 476
Coleoptera, Biol. Cent. Am., *Horn*..363
Coleoptera, Fann. Bor. Am., *Horn*'..502
Coleoptera, Mus. Camb., *Horn*.....363
Coleoptera of *Horn*, *Henshaw*.....514
Coleoptera of *LeConte*, *Henshaw*....14
Coleoptera of *Zimmermann*, *LeConte* 59
Coleoptera, larvæ, *Horn*.....17
Coleoptera Monstrosites, *Jayne*....51
Coleoptera, List of, *Henshaw*.....15
Coleoptera, Suppl. to List, *Henshaw*...438
Colydiidæ, Synop, *Horn*.....35
Coniutini gen. *Horn*.....29
Copris mouth parts, *Smith*.....408
Corphyra sp. *Horn*.....27, 43
Coscinoptera sp. *Horn*.....405
Cremastochilus sp. *Horn*.....36, 48
Crossidius sp. *Leng*.....478
Cryptobium sp. *Horn*.....47
Cryptocephalus sp. *Crotch*.....7
Cryptohypmus sp. *Horn*.....366
Cucujidæ Revis. Casey.....5
Cucujidæ, *Horn*.....59
Cupes sp. *LeConte*.....65
Cureulionidæ, Dietz, ..364, 403, 431, 468
Cureulionidæ, Fall.....494
Cureulionidæ, *LeConte* and *Horn*...442
Cureulionidæ, *Smith*.....80
Cyberus sp. *Horn*.....33
Cyehrus, *Rivers*.....479
Cythere sp. *Horn*.....38
Cymatodera sp. *Horn*.....30
Dacoderus sp. *Horn*.....407
Dasyllidæ Synop, *Horn*.....38, 40
Dendroctonus sp. *Dietz*.....320
Deudroides sp. *Horn*.....365
Desmori Revis. *Dietz*.....434
Dicelus sp. *Horn*.....59
Dicelus larva, *Horn*.....32
Dicera sp. *Crotch*.....7
Dichelonychia sp. *Horn*.....29
Dinapate, *Horn*.....No. 326
Dinientes sp. *Roberts*.....443
Disonychia sp. *Crotch*.....7
Donacia sp. *Crotch*.....7
Donacia Revis. *Leng*.....392
Doreaschema sp. *Leng*.....478
Drasterius sp. *LeConte*.....70
Dromochorus, *Horn*.....498
Dysphaga sp. *Horn*.....49
Dysphaga sp. *Leng*.....478
Dytiscidæ, *Horn*.....30, 43
Ecyrus sp. *Leng*.....478
Elaphrus sp. *Horn*.....30
Elatér sp. *LeConte*.....70
Elatéridæ, *Blanchard*.....358
Elatéridæ, *Horn*...38, 40, 46, 327, 366, 472
Elatéridæ, Subfam., *Horn*.....42
Euconyx sp. *Horn*.....46
Esthesopus sp. *Horn*.....46
Eucnemine Monog. *Horn*.....327
Eumolpides gen. *Crotch*.....7
Eumolpini Monog. *Horn*.....406
Euphorie Synop. *Horn*.....36
Eupogonius sp. *Horn*.....49
Eupogonius sp. *Leng*.....478
Euryseopa sp. *Horn*.....405
Eusattus sp. *Horn*.....43
Eustrophus sp. *Horn*.....365
Euthysanius sp. *Horn*.....40
Galerucini Monog. *Horn*.....407
Gastrophysa sp. *Crotch*.....7
Geotrupes sp. *Horn*.....38
Glyptus larva, *Horn*.....365
Goes sp. *Horn*.....49
Goes sp. *Leng*.....478
Graphops sp. *LeConte*.....70
Gyascutus sp. *Horn*.....43
Gyrinidæ, *Roberts*.....443
Halticidæ, *Jacoby*.....367
Halticini gen. *Crotch*.....7
Halticini Synop. *Horn*.....322
Helops sp. *Horn*.....38
Heteracerus sp. *Horn*.....325, 470
Heteromera, *Horn*.....34
Hippamelas sp. *Horn*.....43
Hippopsini gen. *Leng*.....478
Hispides gen. *Crotch*.....7
Hister, sp. *Horn*.....32
Histeridæ, *Horn*.....59
Holostrophus sp. *Horn*.....365
Horistonotus sp. *Horn*.....46

<i>Hydrobiini</i> Revis. Horn.....No. 331	<i>Monohammus</i> sp. <i>Horn</i>No. 49
<i>Hydrocharis</i> sp. <i>Horn</i>30	<i>Monohammus</i> sp. <i>Leng</i>478
<i>Hydrophilidae</i> , Horn.....59, 504	<i>Monotomidae</i> Synop. Horn.....34
<i>Hyperplatys</i> sp. <i>Horn</i>38	<i>Mordellidae</i> Synop. Smith.....79
<i>Hyperplatys</i> sp. <i>Leng</i>478	<i>Mycteridae</i> , Horn.....34
<i>Hypocephalus</i> , <i>LeConte</i>67	<i>Myodites</i> sp. <i>Horn</i>405
<i>Hyporhagus</i> sp. <i>Horn</i>25	<i>Nitidulidae</i> Revis. Horn.....34
<i>Hypulus</i> sp. <i>Horn</i>365	<i>Notiophilus</i> sp. <i>Horn</i>30
<i>Ips</i> sp. <i>Horn</i>28	<i>Notoxus</i> sp. <i>Horn</i>45
<i>Laccophilus</i> sp. <i>Horn</i>43	<i>Oberea</i> sp. <i>Horn</i>32
<i>Lachnosterna</i> sp. <i>Horn</i>364, 497	<i>Oberea</i> sp. <i>Leng</i>478
<i>Lactica</i> sp. <i>Horn</i>38	<i>Ochodaeus</i> sp. <i>Horn</i>29
<i>Lagriidae</i> , Horn.....365	<i>Ochthebius</i> sp. <i>Horn</i>325
<i>Lamiinae</i> Synop. <i>Leng</i>478	<i>Odontota</i> sp. <i>Crotch</i>7
<i>Lasconotus</i> sp. <i>Horn</i>48	<i>Odontota</i> sp. <i>Horn</i>43
<i>Lathridiidae</i> , Horn.....59	<i>Edemeridae</i> Monog. Horn.....477
<i>Lathridiidae</i> Revis. Fall.....495	<i>Edionychis</i> sp. <i>Crotch</i>7
<i>Lebia</i> sp. <i>Horn</i>25, 48	<i>Eneic</i> sp. <i>Horn</i>38
<i>Lebiini</i> Synop. Horn.....42	<i>Oncideres</i> sp. <i>Horn</i>49
<i>Lema</i> sp. <i>Crotch</i>7	<i>Oncideres</i> sp. <i>Leng</i>478
<i>Leptinus</i> , <i>Horn</i>42	<i>Onthophagus</i> sp. <i>Horn</i>28
<i>Leptostylus</i> sp. <i>Horn</i>38	<i>Orchesia</i> sp. <i>Horn</i>365
<i>Leptostylus</i> sp. <i>Leng</i>478	<i>Oxoplus</i> sp. <i>Horn</i>49
<i>Lepturges</i> sp. <i>Horn</i>38	<i>Patrobus</i> sp. <i>Horn</i>28
<i>Lepturges</i> sp. <i>Leng</i>478	<i>Perimegatoma</i> sp. <i>Horn</i>28
<i>Ligyus</i> sp. <i>Horn</i>28	<i>Perothopinae</i> Monog. Horn.....327
<i>Liopi</i> gen. Horn.....38	<i>Phanaeus</i> sp. <i>Blanchard</i>1
<i>Liopus</i> sp. <i>Horn</i>38	<i>Phileurus</i> sp. <i>Horn</i>38
<i>Liopus</i> sp. <i>Leng</i>478	<i>Philonthi</i> Synop. Horn.....44
<i>Listrochelus</i> sp. <i>Horn</i>33	<i>Phytalus</i> sp. <i>Horn</i>48
<i>Ludius</i> sp. <i>Horn</i>46	<i>Phytocini</i> gen. <i>Leng</i>478
<i>Macrobasis</i> sp. <i>Horn</i>48	<i>Phytophaga</i> , <i>Crotch</i>7
<i>Macroductylus</i> sp. <i>Horn</i>29	<i>Pinodytes</i> sp. <i>Horn</i>405
<i>Macrops</i> sp. <i>Dietz</i>361	<i>Plagiodera</i> sp. <i>Crotch</i>7
<i>Malachidae</i> Synop. <i>Horn</i>25	<i>Plastocerus</i> sp. <i>Horn</i>40
<i>Malachius</i> sp. <i>Horn</i>27	<i>Platynus</i> sp. <i>Horn</i>59
<i>Mecas</i> sp. <i>Horn</i>32	<i>Platysylla</i> <i>Horn</i>42, 365, 471
<i>Mecas</i> sp. <i>Leng</i>478	<i>Pleocomma</i> sp. <i>Horn</i>365, 499
<i>Mecynotarsus</i> sp. <i>Horn</i>45	<i>Pleocomma</i> sp. <i>LeConte</i>65
<i>Megalostomis</i> sp. <i>Horn</i>105	<i>Pogonocherus</i> sp. <i>Horn</i>32
<i>Megapenthes</i> sp. <i>LeConte</i>70	<i>Pogonocherus</i> sp. <i>Leng</i>478
<i>Melandryidae</i> , Tribes, Horn.....365	<i>Pogonus</i> sp. <i>Horn</i>30
<i>Meloidae</i> , Horn.....48	<i>Polyphylla</i> sp. <i>Horn</i>40, 365
<i>Melolonthides</i> gen. <i>Crotch</i>7	<i>Prasocuris</i> sp. <i>Crotch</i>7
<i>Methiini</i> gen. <i>Leng</i>478	<i>Pselaphidae</i> , <i>Brendel</i>359, 402, 433
<i>Microrhopala</i> sp. <i>Crotch</i>7	<i>Pseudomorpha</i> sp. <i>Horn</i>43
<i>Microrhopala</i> sp. <i>Horn</i>43	<i>Pterostichus</i> sp. <i>Horn</i>366
<i>Microschatia</i> sp. <i>Horn</i>407	<i>Pythidae</i> , Horn.....25
<i>Monilema</i> sp. <i>Horn</i>49	<i>Pytho</i> sp. <i>Horn</i>365
<i>Monilema</i> sp. <i>Leng</i>478	<i>Quedini</i> Synop. Horn.....33
<i>Monohammmini</i> gen. <i>Leng</i>478	<i>Rhipiceridae</i> , Horn.....40

<i>Rhipiphorus</i> sp. <i>Horn</i>	No. 28
<i>Rhynchophora</i> Revis. LeC. and Horn.....	442
<i>Rhynchophorus</i> , <i>Horn</i>	32
<i>Rhyphopaga</i> , Fam., <i>Horn</i>	59
<i>Sandalus</i> sp. <i>Horn</i>	40
<i>Saperda</i> sp. <i>Leng</i>	478
<i>Saxinis</i> sp. <i>Horn</i>	405
<i>Scaphidium</i> sp. <i>Horn</i>	28
<i>Scaptolenus</i> sp. <i>Horn</i>	40
<i>Scarabæidæ</i> , Blanchard.....	1
<i>Scarabæidæ</i> , <i>Horn</i>	29, 36, 40, 45, 48, 330, 364, 365.
<i>Scolytidæ</i> , Dietz.....	320
<i>Scymnus</i> sp. <i>Horn</i>	440
<i>Selenophorus</i> sp. <i>Horn</i>	37
<i>Silphidæ</i> Synop. <i>Horn</i>	39
<i>Spalacopsis</i> sp. <i>Leng</i>	478
<i>Sphæridiini</i> Revis. <i>Horn</i>	331
<i>Staphylinidæ</i> , <i>Horn</i>	31, 33, 44, 47, 501
<i>Staphylinus</i> sp. <i>Horn</i>	33
<i>Statira</i> sp. <i>Horn</i>	365, 405
<i>Stenini</i> , Casey.....	360
<i>Stenispæ</i> sp. <i>Horn</i>	43
<i>Stenosphenus</i> sp. <i>Horn</i>	49
<i>Stibia</i> sp. <i>Horn</i>	27
<i>Strategus</i> sp. <i>Horn</i>	28
<i>Tachyporini</i> Synop. <i>Horn</i>	31
<i>Tenebrionidæ</i> Revis. <i>Horn</i>	441
<i>Tetraonyx</i> sp. <i>Horn</i>	48
<i>Tetraopes</i> sp. <i>Horn</i>	32
<i>Tetraopes</i> sp. <i>Leng</i>	478
<i>Tetropium</i> sp. <i>Leng</i>	478
<i>Tetrops</i> sp. <i>Horn</i>	32
<i>Tetrops</i> sp. <i>Leng</i>	478
<i>Thrinopyge</i> sp. <i>Horn</i>	48
<i>Throscidæ</i> Synop. <i>Horn</i>	50
<i>Tragidion</i> sp. <i>Leng</i>	478
<i>Trichius</i> sp. <i>Horn</i>	29
<i>Trichodes</i> sp. <i>Horn</i>	30
<i>Trichopterygidæ</i> Synop. Matthews ..	72
<i>Tropisternus</i> sp. <i>Horn</i>	30
<i>Vesperoctenus</i> , <i>Horn</i>	475
<i>Zabrotes</i> sp. <i>Horn</i>	48
<i>Zarhipis</i> sp. <i>Horn</i>	48
<i>Zeugophora</i> sp. <i>Horn</i>	405
<i>Zonitis</i> sp. <i>Horn</i>	28

HYMENOPTERA.

(See list on page 77).

<i>Alciodes</i> sp. <i>Cresson</i>	No. 106
<i>Andrena</i> sp. <i>Robertson</i>	383

<i>Anomalon</i> sp. <i>Norton</i>	No. 136
<i>Anthophora</i> sp. <i>Cresson</i>	107
<i>Ants</i> , Tent-building, Couper.....	339
<i>Aphilanthops</i> sp. <i>Dunning</i>	507
<i>Apidæ</i> , Cockerell.....	481
<i>Apidæ</i> , <i>Cresson</i>	122, 370
<i>Apoidea</i> gen. <i>Ashmead</i>	505
<i>Bassini</i> Monog. <i>Davis</i>	446
<i>Bees</i> , Classification, <i>Ashmead</i>	505
<i>Bees</i> , new, Cockerell.....	506
<i>Bees</i> , new, <i>Robertson</i>	382, 383, 415, 449, 450.
<i>Braconidæ</i> , <i>Cresson</i>	106
<i>Campoplex</i> sp. <i>Norton</i>	136
<i>Ceropales</i> sp. <i>Fox</i>	411
<i>Chalcididæ</i> , <i>Ashmead</i>	335, 337, 369
<i>Chalcididæ</i> , <i>Cresson</i>	112
<i>Chalcis</i> sp. <i>Cresson</i>	112
<i>Chrysididæ</i> gen. sp. <i>Aaron</i>	333
<i>Chrysididæ</i> gen. sp. <i>Norton</i>	139
<i>Crabronidæ</i> gen. sp. <i>Fox</i>	448
<i>Cynipidæ</i> Synop. <i>Ashmead</i>	334, 336
<i>Cynipidæ</i> , new, <i>Bassett</i>	380
<i>Cynipidous</i> Galls, <i>Ashmead</i>	335, 368
<i>Cynips</i> , new, <i>Walsh</i>	151
<i>Eucerceris</i> sp. <i>Cresson</i>	125
<i>Evaniidæ</i> , new, <i>Cresson</i>	121
<i>Formica</i> , habits, <i>McCook</i>	132
<i>Haliætus</i> sp. <i>Cockerell</i>	481
<i>Haliætus</i> , new, <i>Robertson</i>	382
<i>Hormiine</i> Synop. <i>Ashmead</i>	409
<i>Hymenoptera</i> , Cuban, <i>Cresson</i>	107
<i>Hymenoptera</i> , Jamaican, <i>Fox</i>	410
<i>Hymenoptera</i> , Fam. Gen., <i>Cresson</i>	340
<i>Hymenoptera</i> , Mexican, <i>Cresson</i>	99, 102
<i>Hymenoptera</i> , new, Cockerell.....	445
<i>Hymenoptera</i> , new, <i>Cresson</i>	116
<i>Hymenoptera</i> , Paras, <i>Ashmead</i>	444, 480
<i>Hymenoptera</i> Texana, <i>Cresson</i>	113
<i>Ichneumonidæ</i> , new, <i>Cresson</i>	100, 108, 115, 120.
<i>Ichneumonidæ</i> , <i>Davis</i>	446, 482, 483
<i>Ichneumonides</i> Synop. <i>Cresson</i>	118
<i>Larridæ</i> , new, <i>Fox</i>	414
<i>Lencospis</i> sp. <i>Cresson</i>	112
<i>Masaris</i> , <i>Cresson</i>	114
<i>Micragasterine</i> , new, <i>Weed</i>	372
<i>Mutillidæ</i> , <i>Blake</i>	84, 338
<i>Mutillidæ</i> , gen. sp., <i>Fox</i>	509
<i>Nematoid</i> larvæ, <i>Dyar</i>	447
<i>Nysson</i> sp. <i>Cresson</i>	124

<i>Ophion</i> sp. Norton.....	No. 136
<i>Oxybelus</i> sp. Robertson.....	381
<i>Paniscus</i> sp. Norton.....	136
<i>Panurginus</i> , Cockerell.....	506
<i>Pompilredonidae</i> gen. sp. Fox.....	113
<i>Pimplariae</i> gen. sp. Cresson.....	108
<i>Pimplinae</i> , new, Davis.....	146
<i>Pompilidae</i> , Mexican, Cresson.....	105
<i>Proctotrupidae</i> Synop. Howard.....	341
<i>Prosopis</i> sp. Robertson.....	382
<i>Psen</i> sp. Fox.....	508
<i>Saeflies</i> , larvae, Dyar.....	117
<i>Smicra</i> sp. Cresson.....	112
<i>Stephanidae</i> , new, Davis.....	183
<i>Synergus</i> sp. Gillette.....	181
<i>Tachytes</i> sp. Fox.....	412
<i>Tenthredinidae</i> , Cresson.....	123, 127
<i>Tenthredinidae</i> , new, Davis.....	138
<i>Trigonatidae</i> , new, Davis.....	183
<i>Trigonalys</i> , new, Cresson.....	96
<i>Typhoninae</i> gen. sp. Davis.....	482
<i>Trypoxylon</i> sp. Fox.....	393
<i>Uroceridae</i> , Cresson.....	123, 127
<i>Vespa</i> sp. McFartland.....	371
<i>Vespinae</i> gen. sp. Lewis.....	485

LEPIDOPTERA.

(See list on page 80).

<i>Aegeridae</i> , new, Ridings.....	No. 357
<i>Agrotis</i> , new, Smith.....	386
<i>Argynnis</i> of Calif., Edwards.....	167
<i>Argynnis diana</i> , Edwards.....	167
<i>Butterflies</i> , East. U. S., French.....	346
<i>Butterflies</i> , Guide, Scudder.....	454a
<i>Butterflies</i> , new, Skinner.....	455
<i>Butterfly Book</i> , Holland.....	510
<i>Butterfly</i> , Life of a, Scudder.....	454
<i>Callidryas</i> , Edwards.....	184
<i>Catocala</i> , Edwards.....	166, 181
<i>Chrysophanus</i> , new, Edwards.....	169
<i>Danaus</i> , new, Reakirt.....	231
<i>Eresia</i> , new, Reakirt.....	231
<i>Euclea</i> sp. Dyar.....	391
<i>Geometridae</i> gen. sp. Hulst.....	488
<i>Graphis</i> , Lintner.....	223
<i>Heliothis</i> , Grote.....	205
<i>Heliothis</i> Synop. Smith.....	239

<i>Heterocera</i> , Holland.....	No. 349
<i>Heterocera</i> , Smith.....	416
<i>Hydræcia</i> Revis. Smith.....	512
<i>Lepidoptera</i> , Antennae, Bodine.....	486
<i>Lepidoptera</i> , Micro, Clemens.....	157, 158, 159, 344.
<i>Lepidoptera</i> , Diurnal, Edwards.....	165, 166, 169, 171, 173, 175, 179, 180-184, 345.
<i>Lepidoptera</i> , Diurnal, French.....	346
<i>Lepidoptera</i> , Diurnal, Holland.....	451
<i>Lepidoptera</i> , Diurnal, Scudder.....	454, 454a
<i>Lepidoptera</i> , Diurnal, Skinner.....	455, 511
<i>Lepidoptera</i> , Brit. Mus. Grote and R.....	214
<i>Lepidoptera</i> , Grote and Rob.....	213, 216, 217
<i>Lepidoptera</i> , Japan, Holland.....	349
<i>Lepidoptera</i> , Smith.....	240
<i>Lepidoptera</i> , W. Africa, Holland.....	348
<i>Melalophidae</i> Revis. Dyar.....	487
<i>Micro-Lepidoptera</i> , Clemens.....	157, 158, 159, 344.
<i>Micro-Lepidoptera</i> , Fernald.....	186
<i>Micro-Lepidoptera</i> , Robinson.....	234
<i>Micro-Lepidoptera</i> , Walsingham.....	241
<i>Monoleuca</i> sp. Dyar.....	391
<i>Noctuidæ</i> , new, Grote.....	347
<i>Noctuidæ</i> , new, Schaus.....	453
<i>Noctuidæ</i> , new, Smith.....	417, 457
<i>Notodontidae</i> Revis. Neum. and Dyar.....	452
<i>Oncocnemis</i> Revis. Smith.....	385
<i>Packardia</i> sp. Dyar.....	391
<i>Papilio</i> turnus var. Edwards.....	171
<i>Papilio</i> Gundlachianus, Bonzon.....	373
<i>Parasa</i> sp. Dyar.....	391
<i>Phycitidae</i> gen. sp. Hulst.....	384
<i>Philodontidae</i> Revis. Dyar.....	487
<i>Pyralidae</i> , new, Hulst.....	350
<i>Rhopalocera</i> , Edwards.....	165, 166, 169, 171, 173, 175, 179-84, 345.
<i>Rhopalocera</i> , French.....	346
<i>Rhopalocera</i> , Holland.....	451
<i>Rhopalocera</i> , Scudder.....	454, 454a
<i>Rhopalocera</i> , Skinner.....	455
<i>Rhopalocera</i> , Catal. Skinner.....	511
<i>Satyrus</i> , Edwards.....	169
<i>Sphinges</i> and <i>Bombyces</i> , Smith.....	416
<i>Tineidae</i> , Walsingham.....	241
<i>Tortricidae</i> , Fernald.....	186
<i>Tortricidae</i> , Robinson.....	234

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(See index on page 68.)

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(See index on page 71.)

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(See Index on page 72.)

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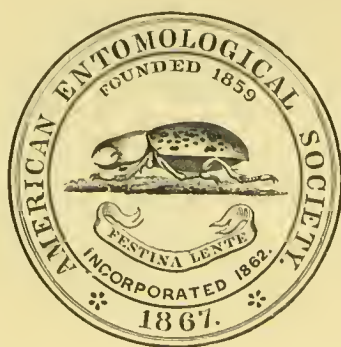
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- Judge, Frederick G., 60 Pierpont St., Peabody, Mass. *Lepidoptera*. Collection. Exchange.

- Kahl, Paul Hugo Isidor, Custodian Ent. Museum, Carnegie Institute, Pittsburgh, Pa. *Diptera*. Collection. Exchange.
- Kalbert, John B., 181 Russell St., Brooklyn, N. Y. *Lepidoptera*. Collection. Exchange.
- Kearfott, W. D., 114 Liberty St., New York, N. Y. *Micro-Lepidoptera*, esp. *Tortricids*. Collection. Exchange and also purchase. Correspondence invited; specimens identified, and assistance freely offered to collectors interested in *Micro-Lepidoptera*.
- Keck, Prof. J. M., Peoples' University, Olympia, Wash. *General Entomology*. Collection.
- Keith, Edward D., 220 Sacket St., Providence, R. I. *Lepidoptera*. Collection. Exchange.
- Kellogg, Vernon L., Prof. Leland Stanford Jr. Univ., Stanford University Calif.
- Kemp, Stanley T., 53 Atlantic St., Jersey City, N. J. *Lepidoptera*. Coll.
- Kingsbury, J. G., Box 426, Indianapolis, Ind. *Noxious Insects*.
- Kircher, George, 136 Grace St., Jersey City, N. J. *Exotic Papilios*. Collection. Exchange.
- Kirkland, A. H., 43 Chatham St., Boston, Mass. *Hemiptera*; *Economic Entomology*. Collection. Exchange.
- Klages, Edw. A., Belvidere St., Crafton, Alleg. Co., Pa. *Coleoptera*, esp. Venezuelan. Collection. Exchange only for perfect specimens with complete data.
- Klages, Henry G., 221 Fifth St., Jeannette, Pa. *Coleoptera*. Collection. Exchange.
- Knapp, A. H., Portsmouth, N. H. *Lepidoptera*. Coll. Exch.
- Knechtel, Frank, Swisvale, Allegheny Co., Pa. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Knight, Ora W., 84 Forest Ave., Bangor, Maine. *Lepidoptera and their Life Histories*. Collection of imagoes, pupæ and inflated larvæ. Exchange.
- Kny-Scheerer Co., Dept. of Nat. Science, 225-233 Fourth Avenue, New York, N. Y. Entomological supplies and specimens.
- Kopman, H. H., 5509 Hurst Street, New Orleans, La. *Lepidoptera* (*Rhopalocera*).
- Kraus, Rev. Richard, O. S. B., 339 Orleans St., Chicago, Ill. *Hymenoptera*. Collection.
- Krautwurm, Bernard, Broadhead St., Arlington Place, E. E., Pittsburg, Pa. *Lepidoptera*. Collection. Exchange.
- Krautwurm, George, Broadhead St., Arlington Place, E. E., Pittsburg, Pa. *Lepidoptera*. Collection. Exchange.
- Krebs, T. L., University of New Mexico, Albuquerque, N. M. *Coleoptera*; *Lepidoptera*. Collection. New Mexican specimens for sale.
- Krueger, P. W., Sallis, Miss. *General Entomology*. Collection.
- Kurowski, Alfred, 66 Fremont St., Chicago, Ill. *General Entomology*. Collection. Exchange.

- Lagai, G., Ph.D., Richmond Hill, N. Y. *Coleoptera*; *Lepidoptera*. Coll. Lane, Raphaëlla E., 122 Linden St., Rochester, N. Y. *Lepidoptera*. Collection. Exchange.
- Laurent, Philip, 31 East Mt. Airy Ave., Philadelphia, Pa. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Lee, Robert E., 623 Granite Building, St. Louis, Mo. *Coleoptera*. Collection. Exchange.
- Leibig, J. E., Bismarck, Pa. *Lepidoptera*. Collection. Not prepared to exchange.
- Leonhard, C., Schuyler Ave., Kearny, N. J. *Lepidoptera*. Collection. Exchange.
- Letcher, Beverley, 532 California St., San Francisco, Calif. *Lepidoptera*. Collection.
- Lewis, E. C., Wills Point, Texas. *Coleoptera*. Collection. Exchange.
- Liebeck, Charles, 1609 Wolf St., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Love, Rev. Archibald L., D.D., 299 Hamilton St., Albany, N. Y. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Lucock, Frank, Peach Springs, Mohave Co., Ariz. *General Entomology*. Collection. Exchange.
- Mackenzie, G. P., 1605 Tennessee St., Lawrence, Kansas. *Coleoptera*. Collection. Exchange.
- Mally, C. W., removed to Grahamstown, Cape Colony, South Africa.
- Manee, Rev. Abram H., Northville, Conn. *Coleoptera*; *Lepidoptera*; *Diptera*. Collection. Exchange.
- Mares, Adolph, 1671 W. 23d St., Chicago, Ill. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Martin, James O., Wilbraham, Mass. *Coleoptera*. Collection.
- Mason, Albert P., 361 Main St., Malden, Mass. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- McCook, Henry C., D.D., Sc.D., L.L.D., Devon, Pa. *Ants and Spiders*.
- McDade, James E., 6245 Greenwood Ave., Chicago, Ill. *Coleoptera*; *Odonata*. Collection. Exchange.
- ✓Melander, Axel Leonard, M. S., Agric. Exper. Station, Pullman, Wash. *Diptera*; *Ethology of Insects*. Collection. Exchange.
- Metcalfe, William, 285 Bank St., Ottawa, Ont., Canada. *Hemiptera*. Collection. Exchange.
- Miller, George, 133 S. Queen St., York, Pa. *Lepidoptera*. Collection. Exchange.
- Mitchell, Harvey J., Westwood, N. J. *Lepidoptera*. Coll. Exch.
- Moeser, Frank E., 238 Guilford St., Buffalo, N. Y. *Lepidoptera*. Collection. Exchange.
- Moore, Richard M., M.D., 74 S. Fitzhugh St., Rochester, N. Y. *Coleoptera* (*Chrysometidæ*). Collection. Exchange.
- Morris, E. L., Central High School, Washington, D. C. *General Entomology*. School collection.

- Morse, Alfred P., Wellesley College, Wellesley, Mass. *Orthoptera (Acrididæ)*. Collection. Exchange.
- Mosher, Clarence H., Birdwood, Salisbury Mills, N. Y. *Coleoptera; Lepidoptera*. Collection. Exchange.
- Mosher, F. H., Shawmut, Mass. *Coleoptera*. Collection. Exchange.
- Mueller, G. T. O., San Mateo, Calif. *Lepidoptera*. Collection.
- Muench, L. T., 1060 Second Ave., New York, N. Y. *Coleoptera*. Collection. Exchange.
- Nell, Philip, 3619 N. Marshall St., Philadelphia, Pa. *Micro-Lepidoptera; Hemiptera*. Collection.
- Newcomb, William W., M.D., 347 Trumbull Ave., Detroit, Mich. *Lepidoptera*. Collection. Exchange.
- Newell, Wilmon, State Entomologist, Atlanta, Ga. *Economic Entomology*. Collection. Exchange.
- Nunenmacher, F. W., P. O. Box 220, Oakland, Calif. *Coccinellidæ of the World*. Collection. Exchange.
- Osburn, Raymond C., 510 W. 124th St., New York, N. Y. *Odonata; Syrphidæ*. Collection. Exchange.
- Osburn, William, Station K, Cincinnati, Ohio. *Lepidoptera*. Collection. Exchange.
- Oslar, Ernest J., Alcott P. O., Denver, Col. Professional Collector of all Orders. Duplicates for sale from Colorado, New Mexico, Arizona and California.
- Ottolengui, B., 80 West 40th St., New York, N. Y. *Lepidoptera (Noctuidæ)*. Collection. Exchange.
- Patch, Edith M., 2118 Lyndale Ave., North Minneapolis, Minn. *Economic Entomology*. Collection. Exchange.
- Patterson, Clara E., P. O. Box 163, Little Falls, N. Y. *General Entomology*. Collection.
- Paulmier, Frederick Clark, The State Museum, Albany, N. Y. *General Entomology*.
- Pearsall, Richard F., 1334 Dean St., Brooklyn, N. Y. *General Entomology*. Collection. Exchange.
- Pearson, A. Walton, 69 Pearl St., Norwich, Conn. *Lepidoptera*. Coll.
- Peck, George W., Roselle Park, N. J. *Lepidoptera*. Coll. Exch.
- Perrior, A. W., 316 East Kennedy St., Syracuse, N. Y. *Lepidoptera*. Collection.
- Pettit, Rufus H., Entomologist, Agric. Experiment Station, Agricultural College, Ingham Co., Mich. *Coccidæ*. Collection. Exchange.
- Plummer, Frederic W., Quincy, Mass. *Lepidoptera*. Coll. Exch.
- Pollard, Charles Louis, 1854 Fifth St., Washington, D. C. *Lepidoptera*. Collection. Exchange.
- Pollock, Horatio M., State Civil Service Commission, Albany, N. Y. *Aptera (Hydrachnidæ)*. Collection. Exchange.
- Pope, T. Edmund B., Bureau of Fisheries, Washington, D. C. *Lepidoptera*. Collection.

- Popenoe, Edwin A., Route 6, Topeka, Kansas. *Coleoptera*; *Hemiptera*. Collection. Exchange.
- Preston, Carleton E., Ph.D, Lawrence High School, Lawrence, Mass. Interested in *General Entomology* as a teacher.
- Quaintance, A. L., U. S. Dept. of Agriculture, Washington, D. C. *Hemiptera*; *Economic Entomology*. Collection. Exchange.
- Rehn, James A. G., Academy of Natural Sciences, Philadelphia, Pa. *Orthoptera*. Academy Collection. Exchange.
- Reif, Robert, Gen'l Pass. Dept., Lehigh Valley R. R. Co., New York, N. Y. *Lepidoptera* (*Rhopalocera*). Collection. Exchange.
- Reinick, William R., Free Library, 1217 Chestnut St., Philadelphia, Pa. *Coleoptera*.
- Richardson, Wm. D., P. O. Box 185, Fredericksburg, Va. *Coleoptera*. Collection. Exchange. *Parnidae* of the world wanted.
- Riederer, Ludwig, 251 W. 95th St., New York, N. Y. *Anatomy of Insects*. Collection of microscopical slides.
- Rippon, Edrick V., 64 King St. W., Toronto, Ont., Canada. *General Entomology*. Collection. Exchange.
- Roddy, H. Justin, State Normal School, Millersville, Pa. *Lepidoptera*.
- Rogers, J. H. Jr., 98 Central Ave. Medford, Mass. *Coleoptera*; *Lepidoptera* (*Hesperidae*). Collection. Exchange.
- Ronthe, A., 1932 Kenmore Ave., Chicago, Ill. *Lepidoptera*. Collection. Exchange.
- Russell, Harry M., Insectary, Mass. Agric. College, Amherst, Mass. *Lepidoptera*. Collection. Exchange.
- Sala, August, 1150 Trumbull Ave., Chicago, Ill. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Sanderson, E. Dwight, College Station, Texas. *Cotton Insects*; *Coleopterous larvæ*. College Collection. Exchange.
- Satterthwait, Alfred F., Fairville, Chester Co., Pa. *Economic Entomology*. Collection.
- Saunders, Henry S., 21 Harbord St., Toronto, Ont., Canada. *Lepidoptera*. Collection. Exchange.
- Savage, Thomas E., Iowa Geological Survey, Des Moines, Iowa. *General Entomology*. Collection. Exchange.
- Sawyer, Sarah E., Route 1, Warner, N. H. *General Entomology*. Collection. Exchange.
- ✓ Schaeffer, C., Brooklyn Museum, Eastern Parkway, Brooklyn, N. Y. *Coleoptera*. Collection. Exchange.
- Scheffer, Theo. H., Manhattan, Kansas. *Spiders*. Collection.
- Schmidt, August, 854 E. Russell St., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Schwarz, Hermann, 1811 Dolman St. Louis, Mo. *Thysanura*. Collection. Exchange literature.
- Schweigert, Charles F., 122 Hamilton St., Reading, Pa. *Lepidoptera*. Collection. Exchange.

- Sherman, Franklin, Jr., Entomologist, Dept. of Agriculture, Raleigh, N. C. *General Entomology*; *Coleoptera*; *Rhopalocera*. Collection. Exchange.
- Sherman, John D., Jr., 81 Fulton St., New York, N. Y. *Dyliscidæ of N. Amer.* Collection. Will determine material of this family; specimens from Lake Superior, Alaska, Hudson Bay, Labrador, New Foundland and Illinois especially desired, for cash or in exchange.
- Short, Ernest H., Box 29, Chili, N. Y. *Lepidoptera*. Collection. Exchange.
- Skinner, Henry, M. D., Acad. Nat. Sciences, 1900 Race St., Philadelphia, Pa. *General Entomology*. Collection of American Butterflies. Exchange. Will name expanded American butterflies free of charge.
- Slingerland, M. V., Prof. Cornell University, Ithaca, N. Y. *Economic Entomology*.
- Slosson, Mrs. Annie Trumbull, 38 East 23d St., New York, N. Y. *General Entomology*. Collection.
- Smalley, George A., Norfolk, Mass. *Lepidoptera*. Collection. Exchange.
- Smith, Benjamin H., 4704 Chester Ave., Philadelphia, Pa. *Coleoptera*. Collection.
- Smith, E. J., Natick, Mass. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Smith, Horace G., Asst. Curator of Zoology, State Historical and Nat. Hist. Society, Capitol Bldg., Denver, Col. *General Entomology*. Collection. Exchange.
- Smith, S. H., 87 Eaton Place, East Orange, N. J. *Lepidoptera (Rhopalocera)*.
- Snyder, W. E., 107 W. Maple Ave., Beaver Dam, Wis. *Coleoptera*. Collection. Exchange.
- Stauffer, W. S., R. F. D. No. 4, Lititz, Pa. *Coleoptera*. Collection. Exchange.
- Steinbrecher, John F., 306 Harman St., Brooklyn, N. Y. *Lepidoptera, native and exot.* Collection. Exchange.
- Stephens, Frank, University and Fillmore Aves., San Diego, Calif. *Lepidoptera*. Collection.
- Stephens, Kate, University and Fillmore Aves., San Diego, Calif. *Lepidoptera*. Collection.
- Stevenson, Charles, 906 St. Urbain St., Montreal, Canada. *Coleoptera*; *Lepidoptera*; *Hemiptera*; *Economic Entomology*. Collection. Exchange.
- Straub, Robert, 80 E. 107th St., New York, N. Y. *General Entomology*. Collection.
- ✓ Surface, H. A., Economic Zoologist, Harrisburg, Pa. *Economic Entomology*. Collection. Exchange.
- Swett, Louis W., Summer St., Malden, Mass. *Lepidoptera, esp. Geometridæ*. Collection. Exchange.

- Tallant, W. N., Office P. C. C. & St. L. R. Co., Cincinnati, Ohio. *Lepidoptera*. Collection. Exchange.
- Taylor, Rev. George W., Wellington, B. C., Canada. *Geometridæ*. Collection. Will purchase or exchange for species not in his collection.
- Terry, William G., Victory Mills, N. Y. *Lepidoptera*. Collection. Exchange.
- Thaxter, Roland, 7 Scott St., Cambridge, Mass. *Fungus diseases of Insects*. Collection. Exchange.
- Thiel, Louis, 932 McPherson Ave., Cincinnati, Ohio. *Lepidoptera*. Collection. Exchange.
- Thomas, Gordon, 48 Warrington Place, East Orange, N. J. *Coleoptera*. Collection.
- Tight, W. G., Albuquerque, New Mexico. *Insects in relation to plant life*. Collection. Exchange.
- Timm, Charles F., 131 Ralph St., Brooklyn, N. Y. *Lepidoptera*. Collection, native and exotic. Exchange.
- Titus, E. S. G., Div. Ent., U. S. Dept. Agric., Washington, D. C. *Hymenoptera*, esp. *Apoidea*; *Coccidæ*, esp. *Lecaniinæ*. Collection. Exchange.
- Toumey, James W., 459 Prospect St., New Haven, Conn. *Economic Entomology*.
- ✓ Tower, William Lawrence, Associate in Embryology, University of Chicago, Room 32, Zoology Bdg., Chicago, Ill. *Insect Anatomy, Embryology and Morphology*. Collection. Exchange for series showing color variation, seasonal or sexual dimorphism. Desire to obtain by exchange or cash, properly preserved or living material of all orders showing ontogeny of color patterns. Offer showy exotics from Mexico and Central and South America in exchange.
- Troxler, C., Sr., 302 W. Market St., Louisville, Ky. *Coleoptera*; *Lepidoptera*. Collection. Exchange.
- Underwood, Jay G., Hartland, Vermont. *Lepidoptera*.
- Van Dyke, Edwin C., M. D., 2217 California St., San Francisco, Calif. *Coleoptera*. Collection. Exchange.
- ✓ Viereck, Henry L., Academy of Natural Sciences, Philadelphia, Pa. *Hymenoptera (Bees)*. Collection. Exchange.
- Wainwright, Robert D., Capt. U. S. Marines, Elizabeth City, N. C. *Lepidoptera*. Collection. Exchange.
- Walker, C. Loyal, 133 Dearborn St., Chicago, Ill. *Coleoptera*; *Odonata*. Collection. Exchange.
- Walker, Charles M., First Asst. State Entomologist, Geological Hall, Albany, N. Y. *Coleoptera*.
- Walker, George H., 112-114 Dearborn St., Chicago, Ill. *Lepidoptera*; *Odonata*. Collection. Exchange.
- Walter, Herbert Eugene, A. M., Robert A. Waller High School, Chicago, Ill. *Embryology*; *General Entomology*.

- Warren, Rev. J. C., Elma, Iowa. *Coleoptera*. Collection. Exchange.
- Watson, Frank E., 972 E. 168th St., New York, N. Y. *Lepidoptera*. Collection. Exchange.
- Weaver, Alice Rush, Wyncote, Pa. *Lepidoptera*. Collection.
- Webster, F. M., Urbana, Ill. *Economic Entomology; Distribution, variation, protective coloration*. Collection. Exchange publications.
- Weidt, A. J., 445 Washington St., Newark, N. J. *Micro-Lepidoptera*. Local collection.
- West, John H., 2235 E. Letterly St., Philadelphia, Pa. *Lepidoptera*. Collection. Exchange.
- Weuman, William, Box 59, Golden, B. C., Canada. *Coleoptera; Lepidoptera*. Collection.
- Wheeler, Ralph L., 34 Waugh St., Lowell, Mas, *Coleoptera; Lepidoptera*. Collection. Exchange.
- Wheeler, William Morton, Ph. D., Curator of Invertebrate Zoology, Amer. Mus. Nat. History, New York, N. Y. *Formicidae*. Collection. Exchange.
- Whiting, C. A., South Pasadena, Calif. *Parasitic Insects and Worms*. Collection. Exchange.
- Williams, F. X., 1015 Scott St., San Francisco, Calif. *Macro-Lepidoptera*. Collection. Exchange.
- Williams, J. B., 24 Ann St., Toronto, Ont., Canada. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Willing, T. N., Regina, Assa., Canada. *Lepidoptera*. Collection. Exchange.
- Williston, S. W., University of Chicago, Chicago, Ill. *Fossil Diptera*. Collection.
- Willson, Walter Jones, 21 Holton St., Allston, Mass. *Lepidoptera*.
- Winecoff, Rev. Thomas E., Franklin, N. C. *Lepidoptera*.
- Wirtner, Rev. M., O. S. B., Penn Station, Pa. *Hemiptera*. Collection. Exchange.
- Wolcott, A. B., 182 E. Ohio St., Chicago, Ill. *Coleoptera*. Collection. Exchange.
- Wolcott, Robert H., M. D., Associate Prof. of Zoology, Univ. of Nebraska, Lincoln, Neb. *Coleoptera; Lepidoptera*, especially *Acari; Geographical distribution*. Collection. Desires Acari of all groups from all parts of the country, and invites correspondence with all willing to collect material in return for specimens of other kinds from his locality.
- Wolley Dod, F. H., Millarville, Alberta, Canada. *Macro-Lepidoptera*. Collection. Exchange.
- Wood, W. C., 57 Fifth Ave., New York, N. Y. *Coleoptera (Cicindelidae); Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Woodworth, Howard O., Calif. Poultry Station, Petaluma, Calif. *Lepidoptera, Aleurodidæ*. Collection. Exchange.

- Woolley, H. S., F. E. S., P. O. Box 1047, or 25 Henry St., Waterbury, Conn. *Lepidoptera*. Collection. Exchange.
- Works, Winfield F., 1343 Wallach Place, Washington, D. C. *Economic Entomology*.
- Worth, William A., P. S. 158, 78th St. and Ave. A., New York, N. Y. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Wright, W. G., 445 F St., San Bernardino, Calif. *Lepidoptera* (*Rhopalocera*) Collection.
- Wunder, Charles, 500 East 83d St., New York, N. Y. *Lepidoptera*. Collection. Exchange.
- Ziegler, S. W., 43 So. Penn St., York, Pa. *Coleoptera*, *Lepidoptera*.

ADDITIONAL NAMES.

The following desire to be added to the Directory :

- Abbott, Walter, 342 Manchester St., Manchester, N. H. *Coleoptera*. Collection. Exchange.
- Allison, W. B., 630 Pine St., New Orleans, La. *Lepidoptera*.
- Anderson, Ernest M., 64 Superior St., Victoria, B. C., Canada. *Lepidoptera*. Collection. Exchange.
- Andrews, A. W., 180 Helen Ave., Detroit, Mich. *General Entomology*. Collection. Exchange.
- Angell, John, 36 Washington Sq., New York, N. Y. *Coleoptera*. Coll.
- Arndt, E. L., Prof. Concordia College, 1280 St. Anthony Ave., St. Paul, Minn. *Minnesota Insects*, esp. *Trichoptera*. Coll. Exch.
- Babbitt, Arthur B., 227 Sargeant St., Hartford, Conn. *Lepidoptera*. Collection. Exchange.
- Back, E. A., Insectary, Amherst, Mass. *Diptera (Asilidæ)*.
- Baird, Robert L., Oberlin, Ohio. *General Entomology*. In charge of collection of Oberlin College Museum. Exchange.
- Balkwill, J. A., 800 Hellmuth Ave., London, Ont., Canada. *Lepidoptera*.
- Barlow, John., Prof. Zoology, State College of Agriculture, etc., Kingston, R. I. *General Entomology*. Collection.
- Baumhauer, Ralph, 1501 E. Hoffman St., Baltimore, Md. *General Entomology*. Collection. Exchange.
- Beekley, William M., Tarpon Springs, Florida. *General Entomology*.
- Bigelow, Huntingdon, 98 State St., Utica, N. Y. *Lepidoptera*. Coll. Exch.
- Billson, James E., 20 Pennsylvania Ave., Providence, R. I. *Lepidoptera*. Collection.
- Bishopp, Fred. C., College Park, Md. *Hymenoptera (Apoidea)*.
- Bower, Harold M., 1628 Jefferson Ave., Scranton, Pa. *Lepidoptera*. Collection. Exchange.
- Bowman, Mrs. C. S., 1319 Maple Ave., Evanston, Ill. *Lepidoptera*. Collection. Exchange.
- Brandegree, E. N., Helena, Montana. *Economic Entomology*. Coll.
- Braun, Annette F., 2702 May St., Cincinnati, Ohio. *Lepidoptera*. Collection. Exchange.
- Brimley, C. S., New Berne Ave., Raleigh, N. C. *Lepidoptera and Odonata of N. C.* Collection.
- Brown, Fred. Eubeling, 416 N. Franklin St., Danville, Ill. *Hemiptera—Heteroptera*. Collection. Exchange.
- Brown, T. N., Uniontown, Fayette Co., Pa. *Coleoptera (Carabidæ)*. Collection. Exchange.

- Bryant, Theo., Wellington, B. C., Canada. *Lepidoptera*. Collection. Exchange only B. C. faunal district.
- Bueno, J. R. de la Torre, 25 Broad St. (437 Central Park, W.), New York, N. Y. *Aquatic Hemiptera*, especially *Cryptocerata*. Collection. Exchange other orders for Hemiptera.
- Burch, Earl G., Wahpeton, N. D. *Hemiptera*. Collection. Exchange.
- Barke, H. E., Div. of Ent., U. S. Dept. of Agriculture, Washington, D. C. *Forest Insects injurious to timber (Buprestidae)*. Coll. Exch.
- Burks, C. Fred., 1326 N St., Fresno, Calif. *General Entomology*. Collection. Exchange.
- Busck, August, U. S. Dept. of Agriculture, Washington, D. C. *Microlepidoptera*. Collection. Exchange.
- Bush, Arthur H., 1105 Ninth Ave., Fairview, Vancouver, B. C., Canada. *Lepidoptera*. Collection. Exchange B. C. specimens only.
- Buxton, W. T., 152 Walnut St., Somerville, Mass. *Lepidoptera*. Collection. Exchange.
- Camden, Robert L. M., Jr., Ardmore, Pa. (308 Walnut St., Philadelphia). *Lepidoptera*. Collection. Exchange.
- Chamberlin, Ralph V., Salt Lake City, Utah. *Myriapoda, Arachnida*. Collection. Exchange.
- Champagne, Alderic Victor, Cazaville, Huntingdon Co., Canada. *Coleoptera*. Collection. Exchange.
- Clark, Frank C., Napa City, Calif. *Coleoptera, Hymenoptera, Diptera*. Collection. Exchange.
- Cockburn, J. P., Gravenhurst, Ont., Canada. *General Entomology*.
- Cockle, J. Wm., Kaslo, B. C., Canada. *Lepidoptera*. Collection.
- Coleman, George A., Pacific Grove, Calif. *Forest Insects and Coccida*. Collection. Exchange.
- Collins, G. N., U. S. Dept. of Agriculture, Washington, D. C. *Odonata*.
- Comstock, G. F., 119 W. 86th St., New York, N. Y. *Adirondack Lepidoptera*. Collection. Exchange.
- Comstock, John, 1572 Ridge Avenue, Evanston, Ill. *Lepidoptera*. Collection. Exchange.
- Cook, Harry, 12 McPherson Terrace, Albany, N. Y. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Cook, John H., 12 McPherson Terrace, Albany, N. Y. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Coverdale, George, Hart P. O., Vernon Parish, Louisiana. *Lepidoptera*. Collection. Exchange.
- Crampton, Henry Edw., Columbia University, New York, N. Y. *Variation, Selection, Inheritance of Insects*. Collection.
- Crawford, J. C., Jr., West Point, Neb. *Hymenoptera (Apoidea)*. Collection. Exchange.
- Curry, G. L., Louisville College of Pharmacy, Louisville, Ky. *Lepidoptera*. Collection. Exchange.

- Daggette, A. S., 400 S. Craig St., Pittsburg, Pa. *Coleoptera*. Collection. Exchange.
- Darmstaetter, Adolph C., 136 E. Vine St., Lancaster, Pa. *General Entomology*. Collection. Exchange.
- Davenport, Charles Benedict, University of Chicago, Chicago, Ill. *Collembola*.
- Davis, Charles S., 1910 Fifth St., N. W., Washington, D. C. *Economic Entomology*. Collection. Exchange.
- Dean, George A., Manhattan, Kansas. *General Entomology*. Collection. Exchange.
- Dearness, John, London, Ont., Canada. *Insects from the point of view of a teacher of "nature study."*
- Doerfel, Louis, 836 S. 14th St., Newark, N. J. *Lepidoptera*. Collection. Exchange.
- Domidion, George, 329 Central Ave., Jersey City Heights, N. J. *Lepidoptera*. Collection. Exchange.
- Doolittle, Alfred A., Western High School, Washington, D. C. *General Entomology*. Collection.
- Easton, Norman S., Fall River Society of Natural History, Fall River, Mass. *Coleoptera*. Collection. Exchange.
- Eddy, Herbert F., 492 Prairie Ave., Providence, R. I. *General Entomology*. Collection. Exchange.
- Engelhardt, George P., 185 Brooklyn Ave., Brooklyn, N. Y. (In charge of Entomology in Children's Museum) *Lepidoptera*. Collection. Correspondence solicited.
- Ewers, William V. 140 N. Goodman St., Rochester, N. Y. *Mosquitoes*.
- Faaborg, J. S., 606 and 608 Second St., Clinton, Iowa. *Lepidoptera of the World*. Collection. Exchange.
- Fanshawe, Lyonell, Tamarisk, Manitoba, Canada. *Lepidoptera (Rhopalocera)*. Collection. Exchange. (Having recently arrived in Canada—from India—shall be thankful for any assistance in forming a collection of the Butterflies of North America.)
- Fenninger, Carl W., 2441 N. 17th Street, Philadelphia, Pa. *Hemiptera*. Collection. Exchange.
- Field, Alberta, Ashtabula, Ohio. *Hymenoptera; Lepidoptera*. Coll.
- Fielde, Miss Adele M., 128 W. 43d St., New York, N. Y. *Hymenoptera (Formicidae)*.
- Fischer, Adolf, 502 School St., Chicago, Ill. *Lepidoptera*. Coll. Exch.
- Fisher, George A., 16 Pleasant St., Reading, Mass. *Microscopical examination, dissection and mounting of insects*. Coll. Exch.
- Fiske, W. F., U. S. Dept. of Agriculture, Washington, D. C. *Forest Insects: Coleoptera (Cleridae, Colydiidae, Trogositidae); Hymenopterous parasites of Forest Insects*. Collection. Exchange.
- Foxworthy, F. W., 45 East Ave., Ithaca, N. Y. *Orthoptera*.

- Fraser, William J., 10 Sylvan Ave., Toronto, Ont., Canada. *Odonata*. Collection. Exchange all orders for Odonata.
- Fuller, D. M., 221 Lancaster St., Albany, N. Y. *Lepidoptera*. Collection. Exchange.
- Garcia, Fabian, Mesilla Park, New Mexico. *Economic Entomology*. Collection.
- Goddard, C. W., M. D., Harvard, McHenry Co., Ill. *Lepidoptera*. Coll.
- Godfrey, Richard, 4517 N. Front St., Philadelphia, Pa. *Coleoptera*. Coll.
- Goeben, Ferdinand, 464 Atlantic Ave., Brooklyn, N. Y. *Lepidoptera*. Collection. Exchange.
- Graves, Don, 54 E. Sixth St., Dunkirk, N. Y. *Lepidoptera*. Coll. Exch.
- Grillet, Ida L., Box 214, Miles City, Montana. *Coleoptera (Cicindelidæ)*. Collection. Exchange.
- Grossbeck, John A., 25 Totowa Ave., Patterson, N. J. *General Entomology*. Collection.
- Haberer, C. H., Dunmor, Ky. *Lepidoptera*. Collection.
- Hagelstein, Christian H. T., 104 E. Main St., Shelby, Ohio. *Lepidoptera*. Collection. Exchange.
- Hall, Gaylord C., 409 W. 145th St., New York, N. Y. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Halladay, George A., Bellows Falls, Vt. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Hansen, Rev. James, St. John's University, Collegeville, Minn. *General Entomology*. University Collection.
- Hardenberg, C. B., 2050 Cherry St., Philadelphia, Pa. *Coleoptera*. Collection. Exchange.
- Harris, L. C., Eldorado, Calif. *Coleoptera*. Collection. Exchange.
- Hart, Charles A., Ill. State Labr. of Nat. Hist., Urbana, Ill. *Immature stages of Insects*.
- Hart, Fred., 48 E. Colorado St., Pasadena, Calif. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Hart, Paul, 48 E. Colorado St., Pasadena, Calif. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Härtel, Karl, 2545 Mascher St., Philadelphia, Pa. *General Entomology*. Collection. Exchange.
- Hartmann, Carl, Austin, Texas. *Solitary Wasps, also Theridiidæ*. Collection. Exchange.
- Harvey, R. V., Queen's School, Vancouver, B. C., Canada. *Lepidoptera and Diptera of B. C.* Collection.
- Hebard, Morgan, Chestnut Hill, Philadelphia, Pa. (Summer); Thomasville, Ga. (Winter). *Orthoptera*. Collection. Exchange.
- Hefferan, Mary, University of Chicago, Chicago, Ill. *Culicidæ*. Coll.
- Heink, Charles L., 4320 N. 11th St., St. Louis, Mo. *Lepidoptera*. Collection. Exchange.

- Herrick, Glenn W., Agricultural College, Miss. *Economic Entomology*.
College Collection. Exchange.
- Hodgkiss, Harold E., Entomological Labr. Mass. Agricul. College, Amherst, Mass. *Economic Entomology, Coccidæ and Cecopalidæ of North America*.
- Holmes, Mrs. Juliette F., 712 LaFayette St., Waterloo, Iowa. *General Entomology*.
- Holmes, LaRue Klinge, Pine Grove Ave., Summit, N. J. *Lepidoptera*.
Collection.
- Hope, Herford, Third Ave., New Brighton, Pa. *Lepidoptera*. Coll.
- Howard, Dr. Chas. T., 62 Chestnut St., Rochester, N. Y. *Lepidoptera*.
Collection. Exchange.
- Howard, Charles W., 43 E. Ave., Ithaca, N. Y. *General Entomology*.
Collection.
- Howard, W. E., Ottawa, Ill. *Ephemerida*. Collection. Exchange.
- Howland, Gertrude S., 41 Mill St., Revere, Mass. *Lepidoptera*. Collec-
tion. Exchange.
- Husted, Percy L., Blauvelt, N. Y. *Coccidæ*.
- Hungate, J. W., Walla Walla, Washington. *Hymen. (Ichneumonidæ)*.
- Hunt, Arthur P., 1 Chelsea Sq., New York, N. Y. *Coleoptera, Lepidoptera (Rhopatocera)*. Collection. Exchange.
- Hurd, Mrs. A. T., North Hartland, Vt. *Lepidoptera*. Collection.
- Hutson, George S., Quartzsite, Yuma Co., Arizona. *Lepidoptera (Rhopalocera)*. Collect for others.
- Hyde, Dr. A. F., 31 North Broadway, Shelby, Ohio. *Lepidoptera*. Col-
lection. Exchange.
- Jeheber, Ernst, 118 N. Reservoir St, Lancaster, Pa. *Lepidoptera*. Col-
lection. Exchange.
- Jenne, Eldred L., Pullman, Wash. *Economic work on Codling Moth*.
Collection.
- Johnson, S. Arthur, State Agric. College, Fort Collins, Col. *Economic Entomology*. College Collection. Exchange in *Vespa*.
- Johnson, Roswell H., Cheney, Washington. *Variation and evolution—Coccinellidæ*.
- Kaufman, Adam, 545 Washington Ave., Scranton, Pa. *Lepidoptera*.
- Keller, Clarence, 123 Climax St., 38th Ward, Pittsburg, Pa. *Lepidoptera*.
Collection. Exchange.
- Keller, George J., 26 Monmouth St., Newark, N. J. *Lepidoptera—Cato-
calidæ and Sphingidæ of N. Amer.* Collection. Exchange
and buy desirable specimens.
- Kelley, C. W., 1336 Smith St., North Providence, R. I. *Lepidoptera (Heterocera)*. Collection.
- Kemp, Robert A., Frederick, Md. *Lepidoptera*. Collection. Exchange.
- Kilgore, S. N., 533 Englewood Ave., or University of Chicago, Chicago,
Ill. *Coccinellidæ*. Collection. Exchange.

- Kirkaldy, G. W., Asst. Entomologist, Dept. of Agric., P. O. Box 107, Honolulu, T. H. *Rhynchota; insects of sugar cane*. Coll.
- Kotensky, Jacob, Div. Ent., U. S. Dept. of Agric., Washington, D. C. *Coccidæ*.
- Krueger, Charles, 1161 N. Lincoln St., Chicago, Ill. *Lepidoptera*. Collection. Exchange.
- Kuebler, William, 1251 29th St., Milwaukee, Wis. *Lepidoptera*. Collection. Exchange.
- Lacey, Howard, Kerrville, Kerr Co., Texas. *Lepidoptera*, Local Coll.
- Lang, Joseph N., 104 Bunker St., Chicago, Ill. *Lepidoptera*. Coll. Exch.
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- Lucas, F. A., 356 Riley St., Buffalo, N. Y. *Lepidoptera*. Coll. Exch.
- Lucas, Guy W., 60 Astoria St., Mattapan, Mass. *Lepidoptera*. Collection.
- Lutz, Frank E., Bloomsburg, Pa. *Orthoptera*. Collection. Exchange.
- MacKay, E. A., Pullman, Wash. *Coleoptera*. Collection.
- Manchester, G. A., 14 Webster Ave., Somerville, Mass. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Manning, J. Woodward, Reading, Middlesex Co., Mass. *Economic Entomology*, *Lepidoptera*. Collection.
- Marshall, Francis H., Omaha Water Co., Omaha, Neb. *Lepidoptera*. Collection. Exchange.
- Martin, Anton, 25 Spencer St., Elizabeth, N. J. *Lepidoptera*. Collection. Exchange.
- Martin, Mrs. T. D., 486 Wellington Ave., Auburn, R. I. *Lepidoptera*, esp. *raising from the egg*. Collection. Exchange.
- Matthews, John H., 3219 N. 13th St., Philadelphia, Pa. Coll. Exch.
- Mayer, Otto, 103 E. 10th St., New York, N. Y. *Lepidoptera*. Collection, native and exotic. Exchange. Desires correspondence with collectors in every State.
- McClendon, J. F., Box 122 University Station, Austin, Texas. *Embryology of the Scorpion*.
- McCoy, Mrs. Edith S., 765 Union St., Manchester, N. H. *Diptera*.
- McElhose, Henry, 2137 a California Ave., St. Louis, Mo. *Lepidoptera*. Collection. Exchange.
- McIntosh, William, 272 King St. East, St. John, N. B., Canada. *Diptera*. Collection. Exchange.
- Miller, Ellen Robertson, 14 Miles Ave., Cleveland, Ohio. *Lepidoptera*. Collection.
- Mills, Ralph G., 356 W. Decatur St., Decatur, Ill. *Food of Insects*. Collection. Exchange.

- Miner, Walter S., 15 Barker St., Bellows Falls, Vt. *General Entomology*. Collection. Exchange.
- Mitchell, I. N., State Normal School, Milwaukee, Wis. *Lepidoptera (Rhopalocera)*. Collection. Exchange.
- Montgomery, C. E., 10 Cabot St., Portsmouth, N. H. *Lepidoptera*. Collection. Exchange.
- Moore, George A., 24 Lorne Ave., Montreal, Canada. *Hemiptera*. Collection. Will collect Coleoptera and Spiders in exchange for Hemiptera.
- Morden, John A., Hyde Park Corner, Ont., Canada. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Morrill, Austin W., U. S. Dept. of Agriculture, Washington, D. C. *Hemiptera; Life history of Insects*.
- Muldrew, Dr. W. H., Director of Nature Studies in Macdonald Institute, O. A. C., Guelph, Ont., Canada. *General Entomology*.
- Mundt, A. H., Fairbury, Livingston Co., Ill. *Lepidoptera*. Collection.
- Munier, L. E., 1148 Guerrero St., San Francisco, Cal. *Coleoptera*. Coll.
- Norris, George G., 229 Leavergne St., New Orleans, La. *Lepidoptera*. Collection of Louisiana species.
- Nylen, Joseph V., 46 Chambers St., Providence, R. I. *General Entomology*. Collection. Exchange.
- Owen, Ed. T., Ph.D., Professor in University of Wisconsin, 614 State St., Madison, Wis. *Macro-Lepidoptera of the World*. Collection. Exchange.
- Parker, G. H., 6 Avon Place, Cambridge, Mass. *Sense organs, nervous system and habits of insects*.
- Parshley, H. M., 1343 Blue Hill Ave., Boston, Mass. *Coleoptera (Scarabæidæ)*. Collection. Exchange.
- Peinze, Herman M., Northboro, Mass. *Lepidoptera*. Coll. Exch.
- Pergande, Theodore, U. S. Dept. of Agriculture, Washington, D. C. *Aphidæ, Formicidæ*. Collection.
- Perkins, R. C. L., Asst. Supt. of Entomology, Dept. of Agriculture, Honolulu, T. H. *Aculeate Hymenoptera*. Collection.
- Perrin, Joseph, Box 372, Halifax, N. S., Canada. *Lepidoptera*. Collection. Exchange.
- Phillips, Everett Franklin, Biological Hall, Univ. of Pennsylvania, Philadelphia, Pa. *The Honey Bee, Parthenogenesis of Insects*.
- Phillips, Wm. H., 1 Elliott Row, St. Johns, N. B., Canada. *Coleoptera*.
- Phillips, W. J., Blacksburg, Va. *Economic Entomology*.
- Pierce, Archer T., 205 Morrison Ave., Somerville, Mass. *Coleoptera, Lepidoptera*. Collection. Exchange.
- Pierce, W. Dwight, Box 1192, Station A, Lincoln, Neb. *Homoptera, Rhipiphoridæ, Stylopidae*. Collection. Exchange.
- Potts, Edward, Media, Pa. *Insect Novelties*.
- Powell, P. B., Clinton, N. Y. *Coleoptera*. Collection. Exchange.

- Pratt, Frederic C., U. S. Dept. of Agriculture, Washington, D. C. *Coleoptera, Economic Entomology*. Collection. Exchange.
- Quayle, H. J., Berkeley, Calif. *Coccidæ*.
- Rand, Frederick V., Malone, N. Y. *General Entomology*. Collection.
- Raub, M. W., M.D., 340 W. King St., Lancaster, Pa. *General Entomology*. Collection. Exchange.
- Rauch, LeRoy, 408 West 6th St., Topeka, Kansas. *Coleoptera*, esp. *Cicindelidæ*. Collection. Exchange.
- Reeves, George I., Agric. Exper. Station, Columbia, Mo. *Morphology of Insect Thorax*.
- Reyher, Max, 1601 Willington St., Philadelphia, Pa. *Lepidoptera*. Collection. Exchange.
- Rockwell, Barton, Pike, N. Y. *Coleoptera*. Collection. Exchange.
- Rummel, F. M., 1619 S. St., Washington, D. C. *Coleoptera*. Collection. Exchange.
- Sampson, Alfred C., Sharon, Mass. *Lepidoptera*. Collection. Exchange.
- Schmich, John, 359 Germania Ave., Jersey City, N. J. *Lepidoptera*. Collection. Exchange.
- Schneider, Theo. C. H., 21 E. Baltimore St., Baltimore, Md. *Lepidoptera*. Collection. Exchange.
- Schwarz, E. A., U. S. Dept. of Agriculture, Washington, D. C. *Economic Entomology; Coleoptera; Psyllidæ*.
- Shaffer, Joshua Monroe, 12½ South 4th St., Keokuk, Iowa. *General Local Insects*.
- Shelford, V. E., Zoology Building, Univ. of Chicago, Ill. *Variation in Cicindelidæ*. Collection of Coleoptera. Will collect invertebrates in exchange for Cicindelidæ.
- Smith, R. J., Room 5, Capitol Building, Atlanta, Ga. *Economic Entomology*.
- Smyth, Eugene G., 309 W. 5th St., Topeka, Kansas. *Coleoptera*, esp. *Cicindelidæ* and *Buprestidæ*. Collection. Exchange.
- Snodgrass, Robert E., Stanford University, Calif. *Insect Anatomy*.
- Souther, Geo. Reginald, 24 Bloomfield Ave., Outremont, Montreal, Canada. *Lepidoptera*. Collection.
- Spalding, Tom., Stockton, Utah. *Lepidoptera*. Collection of Coleoptera and Lepidoptera. Sell specimens for cash only.
- Stringer, Hubert B., Davisville, Ont., Canada. *Coleoptera*. Collection.
- Strong, Miss Kate W., Setauket, Long Island, N. Y. *Lepidoptera*. Collection. Exchange.
- Sunderland, Charles H., Rutherford, N. J. *Lepidoptera*. Collection. Exchange.
- Sweet, John H. T., Jr., 22 Blue Hills Ave., Hartford, Conn. *Lepidoptera*. Collection. Exchange.
- Swenk, Myron H., 1821 O St., Lincoln, Neb. *Apoidea, Thysanura*. Collection. Exchange.

- Swezey, Otto H., Columbus Ohio. *Fulgoridæ*. Collection. Exchange.
- Tanton, John, 379 Waterloo St., London, Ont., Canada. *Lepidoptera*. Collection.
- ✓ Taylor, E. P., Urbana, Ill. *General Entomology*.
- Terry, F. W., Asst. Entom. Dept. of Agric., Honolulu, T. H. *Diptera* Collection.
- Towne, Mrs. Harriet Ayer, Harvard, Ill. *Lepidoptera*. Collection.
- Tucker, E. S., Museum Assistant, Insect Collection, University of Kansas. Lawrence, Kansas. *General Entomology*. Specimens for sale.
- Turner, C. H., Clark University, So. Atlanta, Ga. *Hymenoptera*. Collection. Exchange.
- VanDine, Delos Lewis, Entom. Exper. Station, Honolulu, T. H. *Injurious Insects of Hawaii*. Collection. Exchange.
- Venables, E. P., The Coldstream, Vernon, B. C., Canada. *Coleoptera*, *Hymenoptera*. Collection. Will exchange insects of this district for specimens of injurious insects named in different stages.
- Vining, Frank W., 670 Jersey Avenue, Jersey City, N. J. *Lepidoptera*. Collection. Exchange.
- Waggoner, W. G., 156 Jay Street, Albany, N. Y. *General Entomology*. Collection.
- Walden, B. H., Asst. State Entomologist, Agric. Exper. Station, New Haven, Conn. *General Entomology*.
- Walker, Charles, 11 Rounds Ave., Providence, R. I. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Walton, L. B., Gambier, Ohio. *Endomychidæ*; also *Thysanura* and *Scotopendrella*. Collection. Exchange.
- Warner, Wallace Vincent, U. S. National Museum, Washington, D. C. *Diptera*.
- Washburn, Frederick L., Agric. Exper. Station, St. Anthony Park, Minn. *General Entomology*.
- Wasmuth, William, 501 Chestnut Street, Brooklyn, N. Y. *Lepidoptera*. Collection. Exchange.
- Weigand, Fred., 2837 N. 8th St., Philadelphia, Pa. *Coleoptera*, *Lepidoptera*. Collection. Exchange.
- Whedon, A. D., Iowa City, Iowa. *Odonata*. Collection. Exchange.
- Wickenden, Alfred A., Ste Adèle, Que., Canada. *Lepidoptera* Coll.
- Wilson, Guy West., A. M., Mt. Union, College, Alliance, Ohio. *Coleoptera*. Collection.
- Winslow, Ross C., care of Santa Clara Valley Bank, Santa Clara, Calif. *Lepidoptera* (*Rhopalocera*). Collection. Exchange.
- Wolcott, George N., 115 Oneida St., Utica, N. Y. *Lepidoptera*. Collection. Exchange.
- Wyant, L. B., Harvard, Ill. *Lepidoptera*. Collection. Exchange.
- Zaiser, Paul A., 128 East 110th St., New York, N. Y. *Lepidoptera*. Collection. Exchange.

TO BE OMITTED.

The following desire to be omitted from the Directory :

- Barnaby, Laurretta Fay. Interested in other directions.
Bowditch, Harold. Discontinued the study.
Boynton, Margaret F. Not now interested.
Buffum, B. C. No time to give to exchanges.
Conrad, Henry S. Unable to continue the study.
Dunning, Stewart N. Not now interested.
Field, Douglas G. Desires to be omitted.
Field, George H. Would be saved time and postage if omitted.
Field, James A. Desires to be dropped.
Foerster, Robert F. No longer collecting.
Forkert, C. Have given up collecting.
Foster, Richard, M. D. Too occupied with other matters.
Gastman, E. A. Getting too old to study.
Glaser, Louis A. Retired from the study.
Goodrich, Charlotte. No opportunity for study.
Graupner, Amelia L. Desires to be omitted.
Graupner, Hulda C. Desires to be omitted.
Hillman, F. H. Not now engaged in the study.
Hough, Garry de N. Retired from entomology.
Huse, William H. Dropped out of entomology.
Lull, Richard S. No longer engaged in the study.
McArdle, R. H. Given up the study.
Pough, F. H. No longer interested.
Sharp, Dallas L. Have ceased collecting.
Sheldon, Frank W. Out of the work entirely.
Sprague, Frank H. Given up collecting.
St. John, E. P. Not collecting now.
Stoddard, A. O. No time to give to the study.
Tinsley, John D. No longer interested in entomology.
Trauseau, Edgar N. Desires to be omitted.
Ware, Robert A. Doing very little in the study.
Wilford, H. E. No longer in the business.
Willcox, M. A. Desires name to be dropped.

DECEASED.

- Akhurst, John, Brooklyn, N. Y. Feb. 15, 1902.
Babcock, Amory L., Sherborn, Mass Feb. 27, 1903.
Bassett, Homer F., Waterbury, Conn. June 28, 1902.
Blake, Charles A., Philadelphia, Pa. June 24, 1903.
Bolter, A., Chicago, Ill. March 18, 1900.
Brown, J. E., Akron, Ohio. Feb. 16, 1903.
Bruce, David, Brockport, N. Y.
Chatfield, Alfred F., Lynn, Mass. Feb. 6, 1900.
Clarkson, Frederick, New York, N. Y. Feb. 5, 1901.
Dakin, J. A., Syracuse, N. Y. Dec 25, 1901.
Dietz, Ottomar J. L., New York, N. Y. Dec. 25, 1901.
Gilbert, Mrs. A , Plainfield, N. J. 1900.
Harvey, Francis L., Orono, Me. March 6, 1900.
Hulst, Rev. Geo. D., Brooklyn, N. Y. Nov. 5, 1900.
Luccareni, Geo. A , Palmyra, N. J. Dec. 21, 1902.
Lugger, Otto, St. Anthony Park, Minn. May 21, 1901.
Moffat, John Alston, London, Ont., Canada. Feb. 26, 1904.
O'Connor, Thomas D., New York, N. Y. Jan. 1, 1904.
Priddey, T. G., Toronto, Canada. April 25, 1901.
Strecker, Herman, Reading, Pa. Nov. 30, 1901.
Truman, Hon. P. C., Volga, S. D. Oct. 27, 1901.
Trogood, F. D., Riverside, Calif. March 23, 1903.
Weith, Rudolph, J., Elkhart, Ind. Sept. 21, 1902.

NOT FOUND.

Letters mailed to the following have been returned by the post office as not found :

Bebb, William, 1317 Washington St., Chicago, Ill.
Boone, C. L., 343 W. 121st St., New York, N. Y.
Childs, Rev. Edw. P., Harlan, Shelby Co., Iowa.
Collingwood, Robert, Beulah, Man., Canada.
Cunningham, Burton L., Fort Klamath, Oregon.
Gilbert, H. R., Rochester, N. Y.
Hathaway, Joseph H., Grinnell, Iowa.
Henry, Taylor P., Bryn Mawr, Pa.
Hills, Clarence F., 372 Campbell Ave., Chicago, Ill.
Holt, Herbert, 233 Weetomoe St., Fall River, Mass.
Ingersoll, B. E., Claflin University, Orangeburg, S. C.
Johnson, W. E., Hays City, Kansas.
Kropf, Otto, Rockville, Conn.
Mattes, Joseph, 229 E. 126th St., New York, N. Y.
Norton, J. B. S., St. Louis, Mo.
Orbe, Arthur, 143 E. North Ave., Chicago, Ill.
Pearson, Henry F., Y. M. C. A., Sacramanto, Calif.
Presler, Henry P., 35 N. Mozart St., Chicago, Ill.
Sandell, Daniel T., St. Peter, Minn.
Simpson, Chas. B., Ithaca, N. Y.
Stephenson, L. T., Vinton, Calif.
Talley, T. W., State College, Tallahassee, Fla.
Tanner, Wm. F., 35 Moreland St., Roxbury, Mass.
Thomsen, Arch. V., 1606 Lincoln Ave., Chicago, Ill.
Tyers, Chas. H., Ravensworth P. O., Ont., Canada.
Wanka, Louis, 1968 Santee St., Los Angeles, Calif.
Weber, Samuel E., Greenlane, Pa.
Westgate, Wm. Walter, Brunner, Harris Co., Texas.
Williams, Thomas A., P. O. Box 35, Takoma Park, D. C.

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